**平台能力集说明文档V10.4**

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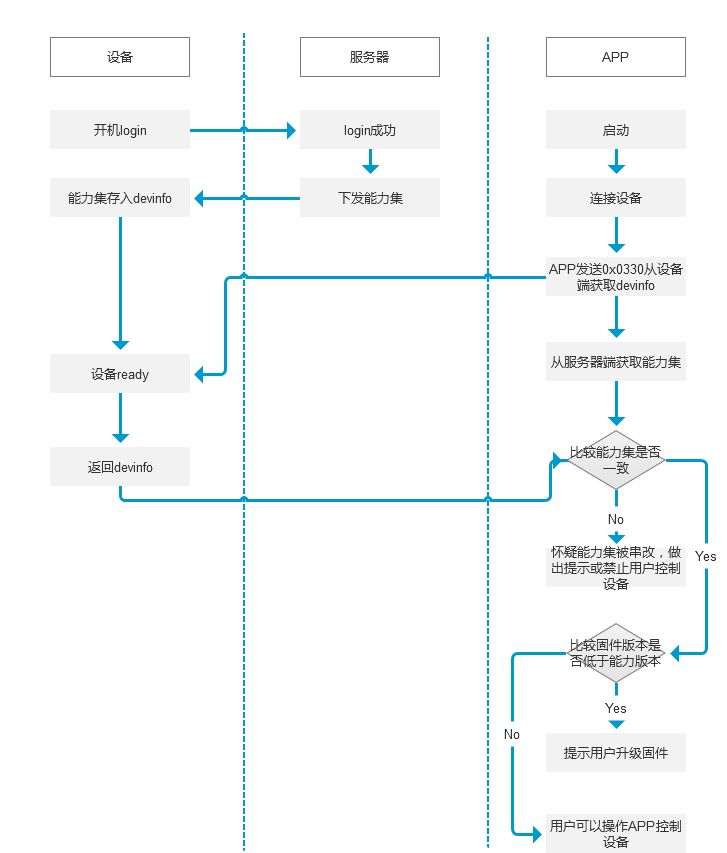
|  |  |  |
| --- | --- | --- |
| 文档版本 | 修改者 | 内容 |
| V4.3 | 方梦宇 | 更新设备与服务器端口能力集接口定义的Json格式 |
| V4.4 | 方梦宇 | 更新设备与服务器接口json包空格为\_ |
| V4.5 | 方梦宇 | 更新能力、P2P IOTYPE和Json key word对应表 |
| V4.6 | 方梦宇 | 更新R10能力集 |
| V4.7 | 方梦宇 | 添加R10能力集列表 |
| V4.8 | 方梦宇 | json字串错误更改：  allday\_curise => allday\_cruise  defined\_curise=>defined\_cruise |
| V4.9 | 方梦宇 | 能力集列表米路由备份改为不支持 |
| V5.0 | 方梦宇 | 添加更新能力集接口 |
| V5.1 | 方梦宇 | 1. 更新能力集接口改为0x1361 2. 修改json版本号格式 |
| V5.2 | 方梦宇 | OTA升级对应P2P接口改为  IOTYPE\_USER\_IPCAM\_SET\_UPDATE\_URI=0x1302 |
| V5.3 | 方梦宇 | 添加R11\R12\R13能力集表 |
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| V6.6 | 方梦宇 | 新增Y207R能力集 |
| V6.7 | 方梦宇 | 更新R11\R13\Y207R能力集 |
| V6.8 | 方梦宇 | 1. 新增H601R能力集 2. 添加多光源切换字段（light\_switch） |
| V6.9 | 方梦宇 | 1. 添加H601R声音报警字段（voice\_warning） |
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| V7.1 | 方梦宇 | 1. 添加H603R能力集 |
| V7.2 | 方梦宇 | 1. H601R&H603R添加AP模式 |
| V7.3 | 方梦宇 | 1. 更新H603R能力集 |
| V7.4 | 方梦宇 | 1. 添加H605R能力集 |
| V7.5 | 蔡明伟 | 1. 添加W102R能力集 |
| V7.6 | 方梦宇 | 1. 添加H701R能力集 |
| V7.7 | 方梦宇 | 1. 更新H701R能力集 2. 添加H801R能力集 |
| V7.8 | 方梦宇 | 1. 更新H601\H603\H605\H701能力集 |
| V7.9 | 金雯霞 | 1. 修正H701的能力集json包 |
| V8.0 | 方梦宇 | 1. 添加声波绑定 |
| V8.1 | 金雯霞 | 1. 修正H701的能力集能力集列表 |
| V8.2 | 金雯霞 | 1. 修正H601/H603/H605/H701的能力集关闭AP模式 |
| V8.3 | 蔡明伟 | 1. 修正H601/H603/H605的能力集，打开静默升级，H601关闭移动追踪报警 |
| V8.4 | 蔡明伟 | 1. 添加H306R能力集 |
| V8.5 | 蔡明伟 | 1. 添加H711能力集 |
| V8.6 | 蔡明伟 | 1. 添加H703R\_A能力集 |
| V8.7 | 蔡明伟 | 1. 添加H315能力集 |
| V8.8 | 蔡明伟 | 1. 添加H703R\_C能力集 2. 添加H703R\_E能力集 |
| V8.9 | 蔡明伟 | 1 修改改H703R\_A/H703R\_C/H703R\_E的能力集，H703RA/H703R\_E关异常声音识别，打开声波绑定，H703R\_C关报警声音 |
| V9.0 | 蔡明伟 | 1修改改H703R\_A/H703R\_C/H703R\_E的能力集 默认H265 |
| V9.1 | 蔡明伟 | 1修改改H703R\_C的能力集 移动追踪 |
| V9.2 | 蔡明伟 | 1添加H703R\_F能力集 |
| V9.3 | 蔡明伟 | 1添加H317R/H606R能力集 |
| V9.6 | 陈晓 | 1：添加H705R/H320R/H706R能力集 |
| V9.7 | 陈晓 | H70R\_C报警声音开关由N改为Y |
| V9.8 | 陈晓 | H703R-F报警声音开关由N改为Y |
| V9.9 | 陈晓 | 增加齐感项目QG703R/QG301R/QG302R/QG380R/QG306R/QG316R/QG311R/QG305R能力集 |
| V10.0 | 陈晓 | 应金鼎唐工要求，H603R-关闭voice warning |
| V10.1 | chenxiao | 1：QG703R-motion track 由Y 改为N  2：单独建立QG301R能力集，状态灯开关 status\_led 由Y改为N ;2.2声音报警开关 voice\_warning由Y改为 N |
| V10.2 | 陈晓 | R10-异常声音abnormal voice 由N 改为Y |
| V10.3 | 陈晓 | H317R猿人abnormal\_voice由N改为Y |
| V10.4 | 陈晓 | 一：修改QG301R能力集：  1：夜视红外灯开关由Y改为N 2：宝宝哭声监测报警由Y改为N  二：修改QG302R/QG380R/QG306R/QG316R/QG311R/QG305R（1080P/720P摇头机）能力集  status\_led由Y改为N  night\_led由Y改为N  baby\_cry由Y改为N |
|  |  |  |

## 序言

为了小蚁平台化的推行，故采用“能力集”的概念来作为2B业务的权限限制，能力集会包含IPC的基本功能以及AI能力。

## 能力集交互流程

云端负责“能力集”表的生成、维护以及下发，设备登录后服务器就会下发能力集，设备端收到能力集后保存在devinfo中。APP连接设备后通过0x0330指令获取devinfo，devinfo中包含了能力集，并和服务器端获取的能力集进行匹配，如不匹配则进行异常处理，提示用户或者限制用户操作设备（一般只有在能力集被第三方破解篡改下才会出现能力集不匹配的情况），如果能力集匹配则会对固件版本和能力集版本进行比较，固件版本小于能力集版本提示用户升级固件。



## 固件能力全集列表

|  |  |  |
| --- | --- | --- |
| **普通能力** | **算法能力** | **云服务** |
| 摄像机开关 | 移动侦测 | 移动视频上传 |
| 状态灯开关 | 监控区域设置 | 人流量统计 |
| 图像翻转设置 | 报警灵敏度设置 | 全天视频上传 |
| 畸变校正设置 | 宝宝哭声监测报警 | 图像索引 |
| 开启关闭麦克风 | 人形侦测 |  |
| 夜视红外灯开关 | 手势识别 |  |
| 红外灯遮挡提示 | 语音识别（拍照/录像） |  |
| 呼吸灯 | 异常声音识别 |  |
| 语音提示（绑定、升级、reset） | 移动追踪报警 |  |
| 监听 |  |  |
| 对讲模式 |  |  |
| 电话模式 |  |  |
| OTA升级 |  |  |
| SD卡升级 |  |  |
| 静默升级 |  |  |
| AP模式升级 |  |  |
| 云台方向控制 |  |  |
| 全景拍照 |  |  |
| 预设点 |  |  |
| 移动追踪 |  |  |
| 全景巡航 |  |  |
| 预设点巡航 |  |  |
| 全天巡航 |  |  |
| 自定义巡航时间 |  |  |
| 云台校正 |  |  |
| 云台自检 |  |  |
| 移动侦测录像 |  |  |
| 全天录像 |  |  |
| 存储卡状态 |  |  |
| 存储卡格式化 |  |  |
| 清晰度切换 |  |  |
| 高清模式&帧率选择 |  |  |
| 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） |  |  |
| 备份小米路由器 |  |  |
| 重置摄像机 |  |  |
| 定时开关机 |  |  |
| SD卡快进（4/8） |  |  |
| 延时摄影（时光沙漏） |  |  |
| 有线/无线切换 |  |  |
| 快连绑定 |  |  |
| 二维码绑定 |  |  |
| ROI能力 |  |  |
| 快进查看录像（4/8/16/32） |  |  |
| H264 |  |  |
| H265 |  |  |
| 多光源切换 |  |  |

## R10（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | Y |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |
|  |  |  |  |

## R10（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"y","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"y","ver":"7.1.00.20A"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## R11（720P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## R11（720P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## R12（1080P卡片机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | N |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## R12（720P卡片机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"n","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## R13（720P卡片机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | N |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## R13（720P卡片机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"n","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## Y206R（笔筒1080P卡片机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | N |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | Y |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
|  |  |  |  |
|  |  |  |  |

## Y206R（笔筒1080P卡片机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01A"},

"status\_led":

{"support":"y","ver":"8.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01A"},

"LDC":

{"support":"n","ver":"8.0.00.01A"},

"mic":

{"support":"y","ver":"8.0.00.01A"},

"night\_led":

{"support":"y","ver":"8.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01A"},

"breath\_led":

{"support":"n","ver":"8.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01A"},

"monitor":

{"support":"y","ver":"8.0.00.01A"},

"talk\_single":

{"support":"y","ver":"8.0.00.01A"},

"talk\_two":

{"support":"y","ver":"8.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01A"},

"SD\_update":

{"support":"y","ver":"8.0.00.01A"},

"silence\_update":

{"support":"n","ver":"8.0.00.01A"},

"AP\_update":

{"support":"n","ver":"8.0.00.01A"},

"move\_control":

{"support":"n","ver":"8.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01A"},

"preset":

{"support":"n","ver":"8.0.00.01A"},

"motion\_track":

{"support":"n","ver":"8.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01A"},

"move\_correction":

{"support":"n","ver":"8.0.00.01A"},

"move\_check":

{"support":"n","ver":"8.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01A"},

"allday\_record":

{"support":"y","ver":"8.0.00.01A"},

"storage\_status":

{"support":"y","ver":"8.0.00.01A"},

"storage\_format":

{"support":"y","ver":"8.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01A"},

"network\_info":

{"support":"y","ver":"8.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01A"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01A"},

"fast\_video":

{"support":"y","ver":"8.0.00.01A"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01A"},

"wireless\_switch":

{"support":"n","ver":"8.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01A"},

"ROI":

{"support":"n","ver":"8.0.00.01A"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01A"},

"motion\_area":

{"support":"y","ver":"8.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01A"},

"human\_detect":

{"support":"y","ver":"8.0.00.01A"},

"gestures":

{"support":"n","ver":"8.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01A"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"8.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01A"},

"image\_index":

{"support":"y","ver":"8.0.00.01A"},

"H264":

{"support":"n","ver":"8.0.00.01A"},

"H265":

{"support":"y","ver":"8.0.00.01A"}

}

## Y207R（小雪人1080P卡片机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | N |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## Y207R（小雪人1080P卡片机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"n","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## H305R/H309R/H310R（朗视兴1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H305R（朗视兴1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_control":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_track":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_status":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_format":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"H265":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"light\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## H601R（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N (自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H601R（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"y","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A"}

}

## H603R（1080P枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H603R（1080P枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"y","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A"}

}

## H605R（1080P枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H605R（1080P枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"y","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A"}

}

## H102R（1080P 电池机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | N |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | N |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | N |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | N |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | Y |
| 62 | 电池信息 | battery\_info | Y |

## H102R（1080P 电池机）能力集JSON包

{

"ipcam\_onoff":

{"support":"n","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"y","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A"},

"move\_check":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"n","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"n","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"n","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"y","ver":"7.0.00.01A"},

"battery\_info":

{"support":"y","ver":"7.0.00.01A"}

}

## H701R（1080P枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H701R（1080P枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"}

}

## H711R（1080P双光源枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H711R（1080P双光源枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"}

## H703R\_A（1080P枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H703R\_A（1080P枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"}

}

## H705R（1080P卡片机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y(ISP) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H705R（1080P卡片机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"}

}

## H703R\_C（1080P球机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H703R\_C（1080P球机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"}

}

## H703R\_E（1080P枪机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | N |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | N |
| 25 | 云台自检 | move\_check | N |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H703R\_E（1080P枪机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"}

}

## H703R\_F（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H703R\_F（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_control":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_track":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_status":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_format":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"H265":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"light\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## H706R（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H706R（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_control":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_track":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_status":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_format":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"H265":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"light\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## H801R（朗视兴1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H801R（朗视兴1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_control":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_track":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_status":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_format":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"H265":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"light\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## H306R（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | Y |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |
|  |  |  |  |

## H306R（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"y","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## H320R（1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y(ISP) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | Y |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |
|  |  |  |  |

## H320R（1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"y","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"y","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## H315（朗视兴1080P云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## H315（朗视兴1080P云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_control":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_track":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_status":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"storage\_format":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fps\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"H265":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"light\_switch":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## H317R（1080P云台机\_ 3903）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | Y(ISP) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | Y |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | Y |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |
|  |  |  |  |

## H317R（1080P云台机\_ 3903）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"y","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"y","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"y","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"y","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"y","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"y","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"n","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"n","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A"}

}

## H606R（1080P手持云台机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | Y |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N (自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | N |
| 36 | SD卡快进（4/8） | fast\_video | N |
| 37 | 延时摄影（时光沙漏） | lapse\_video | N |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | N |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | N |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | N |
| 51 | 移动追踪报警 | motion\_track\_warning | N |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | N |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | N |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | N |

## H606R（1080P手持云台机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01A"},

"status\_led":

{"support":"n","ver":"7.0.00.01A"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A"},

"LDC":

{"support":"y","ver":"7.0.00.01A"},

"mic":

{"support":"y","ver":"7.0.00.01A"},

"night\_led":

{"support":"n","ver":"7.0.00.01A"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A"},

"monitor":

{"support":"y","ver":"7.0.00.01A"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A"},

"silence\_update":

{"support":"y","ver":"7.0.00.01A"},

"AP\_update":

{"support":"n","ver":"7.0.00.01A"},

"move\_control":

{"support":"y","ver":"7.0.00.01A"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A"},

"preset":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A"},

"move\_check":

{"support":"y","ver":"7.0.00.01A"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A"},

"network\_info":

{"support":"y","ver":"7.0.00.01A"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A"},

"time\_poweron":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video":

{"support":"n","ver":"7.0.00.01A"},

"lapse\_video":

{"support":"n","ver":"7.0.00.01A"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A"},

"ROI":

{"support":"n","ver":"7.0.00.01A"},

"fast\_video\_playback":

{"support":"n","ver":"7.0.00.01A"},

"motion\_detect":

{"support":"y","ver":"7.0.00.01A"},

"motion\_area":

{"support":"n","ver":"7.0.00.01A"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A"},

"human\_detect":

{"support":"n","ver":"7.0.00.01A"},

"gestures":

{"support":"n","ver":"7.0.00.01A"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A"},

"abnormal\_voice":

{"support":"n","ver":"7.0.00.01A"},

"motion\_track\_warning":

{"support":"n","ver":"7.0.00.01A"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A"},

"image\_index":

{"support":"n","ver":"7.0.00.01A"},

"H264":

{"support":"y","ver":"7.0.00.01A"},

"H265":

{"support":"n","ver":"7.0.00.01A"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A"},

"pir":

{"support":"n","ver":"7.0.00.01A"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A"},

"voice\_bind":

{"support":"n","ver":"7.0.00.01A"}

}

## QG703R（1080P枪机,双光源,232云台）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | Y |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N(自动切换夜视，软件无法控制) |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | Y |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | N |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | N |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | Y |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## QG703R（1080P枪机，232云台，双光源）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"7.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"LDC":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"mic":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"night\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"cover\_warning":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"breath\_led":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"monitor":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_single":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"talk\_two":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"OTA\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"SD\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"silence\_update":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"AP\_update":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_control":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"panorama\_photo":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_track":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"panorama\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"preset\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"defined\_cruise":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"move\_correction":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"move\_check":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_detect\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"allday\_record":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_status":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"storage\_format":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"resolution\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fps\_switch":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"network\_info":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"backup\_mi":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"time\_poweron":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"fast\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"lapse\_video":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"fast\_bind":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ROI":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_detect":

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"motion\_area":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"baby\_cry":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"human\_detect":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"gestures":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_cmd":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"abnormal\_voice":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"allday\_video\_upload":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"image\_index":

{"support":"y","ver":"7.0.00.01A","ex":"y"},

"H264":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"H265":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"light\_switch":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"voice\_warning":

{"support":"y","ver":"7.0.00.01A","ex":"n"},

"ap\_mode":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"pir":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"battery\_info":

{"support":"n","ver":"7.0.00.01A","ex":"n"},

"voice\_bind":

{"support":"y","ver":"7.0.00.01A","ex":"n"}

}

## QG302R/QG380R/QG306R/QG316R/QG311R/QG305R（1080P/720P摇头机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | Y |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## QG302R/QG380R/QG306R/QG316R/QG311R/QG305R（1080P/720P摇头机）能力集JSON包

{

"ipcam\_onoff":

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"status\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

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"OTA\_update":

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"SD\_update":

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"silence\_update":

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"AP\_update":

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"move\_control":

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"panorama\_photo":

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"preset":

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"motion\_track":

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"panorama\_cruise":

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"preset\_cruise":

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"allday\_cruise":

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"defined\_cruise":

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"move\_correction":

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"move\_check":

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"motion\_detect\_record":

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"allday\_record":

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"storage\_status":

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"storage\_format":

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"resolution\_switch":

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"fps\_switch":

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"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

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"ROI":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"fast\_video\_playback":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_area":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"n","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"gestures":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_cmd":

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"abnormal\_voice":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"motion\_track\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"motion\_video\_upload":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"visitors\_flowrate":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"allday\_video\_upload":

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"image\_index":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"H264":

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"H265":

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"light\_switch":

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"voice\_warning":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ap\_mode":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

## QG301R（1080P/720P摇头机）能力集列表

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | Y |
| 1 | 状态灯开关 | status\_led | N |
| 2 | 图像翻转设置 | image\_rotation | Y |
| 3 | 畸变校正设置 | LDC | N |
| 4 | 开启关闭麦克风 | mic | Y |
| 5 | 夜视红外灯开关 | night\_led | N |
| 6 | 红外灯遮挡提示 | cover\_warning | N |
| 7 | 呼吸灯 | breath\_led | N |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | Y |
| 9 | 监听 | monitor | Y |
| 10 | 对讲模式 | talk\_single | Y |
| 11 | 电话模式 | talk\_two | Y |
| 12 | OTA升级 | OTA\_update | Y |
| 13 | SD卡升级 | SD\_update | Y |
| 14 | 静默升级 | silence\_update | N |
| 15 | AP模式升级 | AP\_update | N |
| 16 | 云台方向控制 | move\_control | Y |
| 17 | 全景拍照 | panorama\_photo | N |
| 18 | 预设点 | preset | N |
| 19 | 移动追踪 | motion\_track | Y |
| 20 | 全景巡航 | panorama\_cruise | N |
| 21 | 预设点巡航 | preset\_cruise | N |
| 22 | 全天巡航 | allday\_cruise | N |
| 23 | 自定义巡航时间 | defined\_cruise | N |
| 24 | 云台校正 | move\_correction | Y |
| 25 | 云台自检 | move\_check | Y |
| 26 | 移动侦测录像 | motion\_detect\_record | Y |
| 27 | 全天录像 | allday\_record | Y |
| 28 | 存储卡状态 | storage\_status | Y |
| 29 | 存储卡格式化 | storage\_format | Y |
| 30 | 清晰度切换 | resolution\_switch | Y |
| 31 | 高清模式&帧率选择 | fps\_switch | N |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | Y |
| 33 | 备份小米路由器 | backup\_mi | N |
| 34 | 重置摄像机 | reset\_ipcam | Y |
| 35 | 定时开关机 | time\_poweron | Y |
| 36 | SD卡快进（4/8） | fast\_video | Y |
| 37 | 延时摄影（时光沙漏） | lapse\_video | Y |
| 38 | 有线/无线切换 | wireless\_switch | Y |
| 39 | 快连绑定 | fast\_bind | N |
| 40 | 二维码绑定 | qrcode\_bind | Y |
| 41 | ROI能力 | ROI | N |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | Y |
| 43 | 移动侦测 | motion\_detect | Y |
| 44 | 监控区域设置 | motion\_area | N |
| 45 | 报警灵敏度设置 | motion\_sensitivity | Y |
| 46 | 宝宝哭声监测报警 | baby\_cry | N |
| 47 | 人形侦测 | human\_detect | Y |
| 48 | 手势识别 | gestures | N |
| 49 | 语音识别（拍照/录像） | voice\_cmd | N |
| 50 | 异常声音识别 | abnormal\_voice | Y |
| 51 | 移动追踪报警 | motion\_track\_warning | Y |
| 52 | 移动视频上传 | motion\_video\_upload | Y |
| 53 | 人流量统计 | visitors\_flowrate | N |
| 54 | 全天视频上传 | allday\_video\_upload | Y |
| 55 | 图像索引 | image\_index | Y |
| 56 | H264 | H264 | Y |
| 57 | H265 | H265 | Y |
| 58 | 多光源切换 | light\_switch | N |
| 59 | 声音报警开关 | voice\_warning | N |
| 60 | AP模式 | ap\_mode | N |
| 61 | PIR开关 | pir | N |
| 62 | 电池信息 | battery\_info | N |
| 63 | 声波绑定 | voice\_bind | Y |

## QG301R（1080P/720P摇头机）能力集JSON包

{

"ipcam\_onoff":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"status\_led":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"image\_rotation":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"LDC":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"mic":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"night\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"cover\_warning":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"breath\_led":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_broadcast":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"monitor":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_single":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"talk\_two":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"OTA\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"SD\_update":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"silence\_update":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"AP\_update":

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"move\_control":

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"panorama\_photo":

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"preset":

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"motion\_track":

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"panorama\_cruise":

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"preset\_cruise":

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"allday\_cruise":

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"defined\_cruise":

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"move\_correction":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"move\_check":

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"motion\_detect\_record":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"allday\_record":

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"storage\_status":

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"storage\_format":

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"resolution\_switch":

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"fps\_switch":

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"network\_info":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"backup\_mi":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"reset\_ipcam":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"time\_poweron":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"fast\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"lapse\_video":

{"support":"y","ver":"8.0.00.01B","ex":"y"},

"wireless\_switch":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"fast\_bind":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"qrcode\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"ROI":

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"fast\_video\_playback":

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"motion\_detect":

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"motion\_area":

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"motion\_sensitivity":

{"support":"y","ver":"8.0.00.01B","ex":"n"},

"baby\_cry":

{"support":"n","ver":"8.0.00.01B","ex":"y"},

"human\_detect":

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"gestures":

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"voice\_cmd":

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"abnormal\_voice":

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"motion\_track\_warning":

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"motion\_video\_upload":

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"visitors\_flowrate":

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"allday\_video\_upload":

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"image\_index":

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"H264":

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"H265":

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"voice\_warning":

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"ap\_mode":

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"pir":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"battery\_info":

{"support":"n","ver":"8.0.00.01B","ex":"n"},

"voice\_bind":

{"support":"y","ver":"8.0.00.01B","ex":"n"}

}

预设点：可添加删除预设点，最少2个最多8个  
移动追踪：开关默认关闭，打开后云台会跟随移动转动  
全景巡航：从原点开始转到根节点，再从根节点转回原点

（每45度一个点，一共8个点。每个点停留10秒钟）  
预设点巡航：根据所设置的预设点进行巡航，与添加的预设点顺序无关，具体顺序还是从原点到根节点然后再从根节点转回原点

（每个点停留10秒钟）  
全天巡航：全景巡航和预设点巡航一天24小时巡航  
自定义巡航时间：全景巡航和预设点巡航遵循自定义巡航时间

（如设置08：00—18:00，此时间段内开启巡航，此时间段外关闭巡航）  
云台校正：

1. 横向控制1分钟（自动回到原点），纵向控制20秒（从上到下转一圈），设备会自动校正。
2. 全景巡航不会自动校正，预设点有原点时也不会自动校正
3. 预设点转30个点的时候，会校正

4、移动追踪连续一分钟以上  
云台自检：上电开机后，设备会从原点到根节点转一圈，然后从上到下转一圈

## 设备与服务器端能力集接口定义

设备login服务器后，服务器返回的json数据包中添加item“abilityTable”,其内容部分为：

1. Nonce随机数
2. 时间戳
3. 能力集列表

三部分内容通过HW KEY作为密钥和IV进行AES CBC 128BIT加密，加密后内容作为abilityTable的内容，内容类型为string。

|  |  |  |  |
| --- | --- | --- | --- |
| 字段 | 格式 | 长度 | 示例 |
| Nonce | 字符串 | 16Byte | 578jadfJldfjljs9 |
| timestamp | Time\_t | 4Byte | 1521106518692 |
| 能力集列表（以R10为例） | Json | No limit | {  "ipcam\_onoff":  {"support":"y","ver":"7.0.00.01A"},  "status\_led":  {"support":"n","ver":"7.0.00.01A"},  "image\_rotation":  {"support":"y","ver":"7.0.00.01A"},  "LDC":  {"support":"y","ver":"7.0.00.01A"},  "mic":  {"support":"y","ver":"7.0.00.01A"},  "night\_led":  {"support":"n","ver":"7.0.00.01A"},  "cover\_warning":  {"support":"n","ver":"7.0.00.01A"},  "breath\_led":  {"support":"n","ver":"7.0.00.01A"},  "voice\_broadcast":  {"support":"y","ver":"7.0.00.01A"},  "monitor":  {"support":"y","ver":"7.0.00.01A"},  "talk\_single":  {"support":"y","ver":"7.0.00.01A"},  "talk\_two":  {"support":"y","ver":"7.0.00.01A"},  "OTA\_update":  {"support":"y","ver":"7.0.00.01A"},  "SD\_update":  {"support":"y","ver":"7.0.00.01A"},  "silence\_update":  {"support":"n","ver":"7.0.00.01A"},  "AP\_update":  {"support":"n","ver":"7.0.00.01A"},  "move\_control":  {"support":"y","ver":"7.0.00.01A"},  "panorama\_photo":  {"support":"y","ver":"7.0.00.01A"},  "preset":  {"support":"n","ver":"7.0.00.01A"},  "motion\_track":  {"support":"y","ver":"7.0.00.01A"},  "panorama\_cruise":  {"support":"n","ver":"7.0.00.01A"},  "preset\_cruise":  {"support":"n","ver":"7.0.00.01A"},  "allday\_cruise":  {"support":"n","ver":"7.0.00.01A"},  "defined\_cruise":  {"support":"n","ver":"7.0.00.01A"},  "move\_correction":  {"support":"y","ver":"7.0.00.01A"},  "move\_check":  {"support":"y","ver":"7.0.00.01A"},  "motion\_detect\_record":  {"support":"y","ver":"7.0.00.01A"},  "allday\_record":  {"support":"y","ver":"7.0.00.01A"},  "storage\_status":  {"support":"y","ver":"7.0.00.01A"},  "storage\_format":  {"support":"y","ver":"7.0.00.01A"},  "resolution\_switch":  {"support":"y","ver":"7.0.00.01A"},  "fps\_switch":  {"support":"n","ver":"7.0.00.01A"},  "network\_info":  {"support":"y","ver":"7.0.00.01A"},  "backup\_mi":  {"support":"n","ver":"7.0.00.01A"},  "reset\_ipcam":  {"support":"y","ver":"7.0.00.01A"},  "time\_poweron":  {"support":"n","ver":"7.0.00.01A"},  "fast\_video":  {"support":"n","ver":"7.0.00.01A"},  "lapse\_video":  {"support":"n","ver":"7.0.00.01A"},  "wireless\_switch":  {"support":"n","ver":"7.0.00.01A"},  "fast\_bind":  {"support":"n","ver":"7.0.00.01A"},  "qrcode\_bind":  {"support":"y","ver":"7.0.00.01A"},  "ROI":  {"support":"n","ver":"7.0.00.01A"},  "fast\_video\_playback":  {"support":"n","ver":"7.0.00.01A"},  "motion\_detect":  {"support":"y","ver":"7.0.00.01A"},  "motion\_area":  {"support":"n","ver":"7.0.00.01A"},  "motion\_sensitivity":  {"support":"y","ver":"7.0.00.01A"},  "baby\_cry":  {"support":"y","ver":"7.0.00.01A"},  "human\_detect":  {"support":"n","ver":"7.0.00.01A"},  "gestures":  {"support":"n","ver":"7.0.00.01A"},  "voice\_cmd":  {"support":"n","ver":"7.0.00.01A"},  "abnormal\_voice":  {"support":"n","ver":"7.0.00.01A"},  "motion\_track\_warning":  {"support":"y","ver":"7.0.00.01A"},  "motion\_video\_upload":  {"support":"y","ver":"7.0.00.01A"},  "visitors\_flowrate":  {"support":"n","ver":"7.0.00.01A"},  "allday\_video\_upload":  {"support":"y","ver":"7.0.00.01A"},  "image\_index":  {"support":"n","ver":"7.0.00.01A"}  } |

## 设备与APP端能力集接口定义

APP连接设备后，通过P2P IOTYPE

IOTYPE\_USER\_IPCAM\_DEVINFO\_REQ = 0x0330

获取设备端devinfo，能力集会包含在返回数据包的倒数第250字节开始，长度为20个字节，目前只用到bit0~bit55，剩余为保留位，每个能力对应1bit，具体定义规则为下表：

|  |  |  |  |
| --- | --- | --- | --- |
| Bit | Func name | Json\_name | Enable/Disable |
| 0 | 摄像机开关 | ipcam\_onoff | 1/0 |
| 1 | 状态灯开关 | status\_led | 1/0 |
| 2 | 图像翻转设置 | image\_rotation | 1/0 |
| 3 | 畸变校正设置 | LDC | 1/0 |
| 4 | 开启关闭麦克风 | mic | 1/0 |
| 5 | 夜视红外灯开关 | night\_led | 1/0 |
| 6 | 红外灯遮挡提示 | cover\_warning | 1/0 |
| 7 | 呼吸灯 | breath\_led | 1/0 |
| 8 | 语音提示（绑定、升级、reset） | voice\_broadcast | 1/0 |
| 9 | 监听 | monitor | 1/0 |
| 10 | 对讲模式 | talk\_single | 1/0 |
| 11 | 电话模式 | talk\_two | 1/0 |
| 12 | OTA升级 | OTA\_update | 1/0 |
| 13 | SD卡升级 | SD\_update | 1/0 |
| 14 | 静默升级 | silence\_update | 1/0 |
| 15 | AP模式升级 | AP\_update | 1/0 |
| 16 | 云台方向控制 | move\_control | 1/0 |
| 17 | 全景拍照 | panorama\_photo | 1/0 |
| 18 | 预设点 | preset | 1/0 |
| 19 | 移动追踪 | motion\_track | 1/0 |
| 20 | 全景巡航 | panorama\_cruise | 1/0 |
| 21 | 预设点巡航 | preset\_cruise | 1/0 |
| 22 | 全天巡航 | allday\_cruise | 1/0 |
| 23 | 自定义巡航时间 | defined\_cruise | 1/0 |
| 24 | 云台校正 | move\_correction | 1/0 |
| 25 | 云台自检 | move\_check | 1/0 |
| 26 | 移动侦测录像 | motion\_detect\_record | 1/0 |
| 27 | 全天录像 | allday\_record | 1/0 |
| 28 | 存储卡状态 | storage\_status | 1/0 |
| 29 | 存储卡格式化 | storage\_format | 1/0 |
| 30 | 清晰度切换 | resolution\_switch | 1/0 |
| 31 | 高清模式&帧率选择 | fps\_switch | 1/0 |
| 32 | 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info | 1/0 |
| 33 | 备份小米路由器 | backup\_mi | 1/0 |
| 34 | 重置摄像机 | reset\_ipcam | 1/0 |
| 35 | 定时开关机 | time\_poweron | 1/0 |
| 36 | SD卡快进（4/8） | fast\_video | 1/0 |
| 37 | 延时摄影（时光沙漏） | lapse\_video | 1/0 |
| 38 | 有线/无线切换 | wireless\_switch | 1/0 |
| 39 | 快连绑定 | fast\_bind | 1/0 |
| 40 | 二维码绑定 | qrcode\_bind | 1/0 |
| 41 | ROI能力 | ROI | 1/0 |
| 42 | 快进查看录像（4/8/16/32） | fast\_video\_playback | 1/0 |
| 43 | 移动侦测 | motion\_detect | 1/0 |
| 44 | 监控区域设置 | motion\_area | 1/0 |
| 45 | 报警灵敏度设置 | motion\_sensitivity | 1/0 |
| 46 | 宝宝哭声监测报警 | baby\_cry | 1/0 |
| 47 | 人形侦测 | human\_detect | 1/0 |
| 48 | 手势识别 | gestures | 1/0 |
| 49 | 语音识别（拍照/录像） | voice\_cmd | 1/0 |
| 50 | 异常声音识别 | abnormal\_voice | 1/0 |
| 51 | 移动追踪报警 | motion\_track\_warning | 1/0 |
| 52 | 移动视频上传 | motion\_video\_upload | 1/0 |
| 53 | 人流量统计 | visitors\_flowrate | 1/0 |
| 54 | 全天视频上传 | allday\_video\_upload | 1/0 |
| 55 | 图像索引 | image\_index | 1/0 |
| 56 | H264 | H264 | 1/0 |
| 57 | H265 | H265 | 1/0 |
| 58 | 多光源切换 | light\_switch | 1/0 |
| 59 | 声音报警开关 | voice\_warning | 1/0 |
| 60 | AP模式 | Ap\_mode | 1/0 |
| 61 | PIR开关 | pir | 1/0 |
| 62 | 电池信息 | battery\_info | 1/0 |

## 固件版本返回接口

添加固件版本返回接口，定义在devinfo能力集20字节之后的32个字节放置固件版本号

## 设备能力集返回接口

返回值使用AVStreamIOHead中 第3个字节作为能力的返回值

typedef struct{

UCHAR nVersion;

UCHAR nStreamIOType;

UCHAR reserve[2];

UINT32 nDataSize;

}st\_AVStreamIOHead;

改为

typedef struct{

UCHAR nVersion;

UCHAR nStreamIOType;

UCHAR abilityRet;

UCHAR reserve[1];

UINT32 nDataSize;

}st\_AVStreamIOHead;

abilityRet为0则表示支持该能力

abilityRet为1则表示不支持该能力，并且payload（数据部分为空）

## 更新能力集接口

APP->DEVICE

IOTYPE\_USER\_IPCAM\_ABILITY\_REQ = 0x1361

DEVICE->APP

IOTYPE\_USER\_IPCAM\_ABILITY\_REQ\_resp = 0x1362

设备收到接口0x1331后，返回接口0x1332 devinfo（包含能力集），

使用AVStreamIOHead中 第3个字节abilityRet作为能力的返回值，

abilityRet为0则表示能力集更新成功

abilityRet为1则表示能力集更新失败，APP可以不用解析devinfo的内容

## 能力、P2P IOTYPE和Json key word对应表

下表列举P2P IOTYPE中对应能力的接口，如果APP下发对应能力的接口消息，设备会从服务器下发的能力集中查询是否支持该能力，如果支持则执行该操作并返回正确状态，否则不执行该操作返回错误状态。

|  |  |  |
| --- | --- | --- |
| 能力名 | Json | P2P IOTYE |
| 摄像机开关 | ipcam\_onoff | IOTYPE\_USER\_IPCAM\_SET\_SILENT\_MODE=0x1304 |
| 状态灯开关 | status\_led | IOTYPE\_USER\_IPCAM\_SET\_LIGHT=0x1305 |
| 图像翻转设置 | image\_rotation | IOTYPE\_USER\_IPCAM\_SET\_MIRROR\_FLIP=0x131F |
| 畸变校正设置 | LDC | IOTYPE\_USER\_IPCAM\_SET\_LDC=0x132f |
| 开启关闭麦克风 | mic | IOTYPE\_USER\_IPCAM\_SET\_MIC\_VOLUME=0x133b |
| 夜视红外灯开关 | night\_led | IOTYPE\_USER\_IPCAM\_SET\_DAYNIGHT\_MODE=0x1321 |
| 红外灯遮挡提示 | cover\_warning |  |
| 呼吸灯 | breath\_led |  |
| 语音提示（绑定、升级、reset） | voice\_broadcast |  |
| 监听 | monitor |  |
| 对讲模式 | talk\_single |  |
| 电话模式 | talk\_two |  |
| OTA升级 | OTA\_update | IOTYPE\_USER\_IPCAM\_SET\_UPDATE\_URI=0x1302 |
| SD卡升级 | SD\_update |  |
| 静默升级 | silence\_update |  |
| AP模式升级 | AP\_update |  |
| 云台方向控制 | move\_control | IOTYPE\_USER\_PTZ\_DIRECTION\_CTRL= 0x4012 |
| 全景拍照 | panorama\_photo | IOTYPE\_USER\_PANORAMA\_CAPTURE\_START= 0x4020 |
| 预设点 | preset | IOTYPE\_USER\_PTZ\_PRESET\_ADD\_REQ= 0x4000 |
| 移动追踪 | motion\_track | IOTYPE\_USER\_PTZ\_SET\_MOTION\_TRACK\_REQ=0x400b |
| 全景巡航 | panorama\_cruise | IOTYPE\_USER\_PTZ\_SET\_CRUISE\_REQ=0x4010 |
| 预设点巡航 | preset\_cruise | IOTYPE\_USER\_PTZ\_SET\_CRUISE\_REQ=0x4010 |
| 全天巡航 | allday\_cruise | IOTYPE\_USER\_PTZ\_SET\_CRUISE\_PERIOD\_REQ=0x4009 |
| 自定义巡航时间 | defined\_cruise | IOTYPE\_USER\_PTZ\_SET\_CRUISE\_PERIOD\_REQ=0x4009 |
| 云台校正 | move\_correction |  |
| 云台自检 | move\_check |  |
| 移动侦测录像 | motion\_detect\_record | IOTYPE\_USER\_IPCAM\_SET\_RECORD\_MOD = 0x130a |
| 全天录像 | allday\_record | IOTYPE\_USER\_IPCAM\_SET\_RECORD\_MOD = 0x130a |
| 存储卡状态 | storage\_status |  |
| 存储卡格式化 | storage\_format |  |
| 清晰度切换 | resolution\_switch | IOTYPE\_USER\_IPCAM\_SET\_RESOLUTION = 0x1311 |
| 高清模式&帧率选择 | fps\_switch |  |
| 网络信息（WiFi名称、WiFi强度、内网丢包率、外网丢包率、IP地址、MAC地址） | network\_info |  |
| 备份小米路由器 | backup\_mi | IOTYPE\_USER\_IPCAM\_SET\_VIDEO\_BACKUP\_REQ=0x1353, |
| 重置摄像机 | reset\_ipcam |  |
| 定时开关机 | time\_poweron |  |
| SD卡快进（4/8） | fast\_video | IOTYPE\_USER\_IPCAM\_SET\_RECORD\_SPEED=0x1337 |
| 延时摄影（时光沙漏） | lapse\_video | IOTYPE\_USER\_IPCAM\_SET\_LAPSE\_VIDEO =0x1367 |
| 有线/无线切换 | wireless\_switch |  |
| 快连绑定 | fast\_bind |  |
| 二维码绑定 | qrcode\_bind |  |
| ROI能力 | ROI |  |
| 快进查看录像（4/8/16/32） | fast\_video\_playback |  |
| 移动侦测 | motion\_detect |  |
| 监控区域设置 | motion\_area | IOTYPE\_USER\_IPCAM\_SET\_MOTION\_DETECT=0x1325, |
| 报警灵敏度设置 | motion\_sensitivity | IOTYPE\_USER\_IPCAM\_SET\_ALARM\_SENSITIVITY=0x1335, |
| 宝宝哭声监测报警 | baby\_cry | IOTYPE\_USER\_IPCAM\_SET\_BABY\_CRY=0x133f, |
| 人形侦测 | human\_detect | IOTYPE\_USER\_IPCAM\_SET\_ALARM\_MODE=0x132d |
| 手势识别 | gestures |  |
| 语音识别（拍照/录像） | voice\_cmd | IOTYPE\_USER\_IPCAM\_SET\_VOICE\_CTRL\_REQ=0x1369 |
| 异常声音识别 | abnormal\_voice | IOTYPE\_USER\_IPCAM\_SET\_ABNORMAL\_SOUND=0x136b |
| 移动追踪报警 | motion\_track\_warning |  |
| 移动视频上传 | motion\_video\_upload |  |
| 人流量统计 | visitors\_flowrate |  |
| 全天视频上传 | allday\_video\_upload |  |
| 图像索引 | image\_index |  |
| H264 | H264 | IOTYPE\_USER\_IPCAM\_SET\_ENCODING\_MODE\_REQ=0x2350 |
| H265 | H265 | IOTYPE\_USER\_IPCAM\_SET\_ENCODING\_MODE\_REQ=0x2350 |
| 多光源切换 | light\_switch | IOTYPE\_USER\_IPCAM\_SET\_LIGHT\_SWITCH=0x1400 |
| 声音报警开关 | voice\_warning |  |
| PIR开关 | pir | IOTYPE\_USER\_IPCAM\_SET\_PIR =0x1500 |