# Ingenic®

K1-2M Change Log

Date: Feb. 2022



**Ingenic®**

# K1-2M Change Log

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**Release history**

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| --- | --- | --- |
| **Date** | **Revision** | **Change** |
| Oct.2020 | 1.0.0 | First release |
| Jan.2021 | 1.1.0 |  |
| Feb.2021 | 1.1.1 |  |
| Dec.2021 | 1.2.0 |  |
| Jan.2022 | 1.3.0 |  |
| Feb.2022 | 1.3.1 |  |

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**K1-2M Change List**

This form, based on the previous version, records the content of the update.

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| --- | --- | --- | --- |
| 序号 | 更新项 | 主要描述 | 备注 |
| INGENIC\_K1-2M\_V1.0.0 | | | |
| 1 | 首个发布版本 | 首个正式发布版本 |  |
| INGENIC\_K1-2M\_V1.1.0 | | | |
| 1 | 增加功能 | 1.增加 hid 升级功能，默认使用配置文件升级 |  |
| 2.增加 hid 算法授权功能 |  |
| 3.增加 hid 读取 K1-2ME 版本号功能 |  |
| 4.增加电子缩放功能 |  |
| 5.增加曝光调节功能 |  |
| 6.默认打开高带宽模式，YUYV480p 能够达到 30 帧 |  |
| 2 | 修复问题 | 1.修复禁用麦克风视频帧率降至 15 帧的问题 |  |
| 2.修复 4:3 分辨率下视场角损失问题 |  |
| 3.修复同时调节清晰度，对比度到最大时，图像卡死问题 |  |
| 4.修复麦克风声音调节显示为 db 的问题 |  |
| 5.修复过曝场景导致系统卡死问题 |  |
| 6.降低了待机状态电机的功耗 |  |
| INGENIC\_K1-2M\_V1.1.1 | | | |
| 1 | 修复问题 | 1.修复 YUV 下调节 gamma 导致视频全黑的情况 |  |
| 2.修复非 1080P 的情况下，zoom 功能调节效果不对 |  |
| 3.修复重启设备后喇叭音量不正确的问题 |  |
| INGENIC\_K1-2M\_V1.2.0 | | | |
| 1 | 增加功能 | 1.增加多帧率切换功能（30/25） |  |
| 2.兼容uvc1.0/1.1协议 |  |
| 3.支持云台设备外部供电时，usb插拔，视频正常打开 |  |
| 2 | 修复问题 | 1.修复音频若干BUG（spk开关内存泄露等） |  |

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| --- | --- | --- | --- |
|  |  | 2. 修复放大画面重新开流，画面与缩放值不一致问题 |  |
| INGENIC\_K1-2M\_V1.3.0 | | | |
| 1 | 增加功能 | 1.新增CDC升级协议 |  |
| 2.新增UVC扩展协议 |  |
| 3.新增视频格式H265 |  |
| 2 | 修复问题 | 1.优化音频，提升稳定性（同步Anker在Mac电脑上音频问题的解决办法） |  |
| INGENIC\_K1-2M\_V1.3.1 | | | |
| 1 | SDK更新 | 更新平台sdk至ISVP-T31-1.1.4-20210825 |  |
| INGENIC\_K1-2M\_V2.0.0 | | | |
| 1 | SDK结构重构 | Release的sdk目录重构，结构清晰 |  |
| 2 | Kiva代码重构 | 重构Kiva代码，功能模块化设计 |  |
| 3 | 增加功能 | 新增C位功能 |  |
| 新增云台功能 |  |
| 4 | 修复问题 | 修复音频功能：  1.修复mic初始化音量的bug  2.修复dmic获取数据接口的bug  3.参数可配置uac采样率和通道 |  |