

Alarm CGI Documentation

Description:

1. The alarm functionality includes motion detection and detection related setting functionalities;
2. There are motion detection and human detection.(Note: For corded electric camera, it's called motion detection, but for the low-power camera, motion detection refers to human detection.)
3. Detection related functionalities include: human detection, person tracking, motion detection frequency, detection sensitivity, detection distance, alarm flashing light, activity zone, detection schedule, alarm sound etc.

1.Motion Detection For Low-Power Cameras (Actually Human Detection)

Field to determine whether it is low-power: support_low_power has a value and equal to 1 (Field acquisition command: get_status.cgi?)

CGI for setting human detection:

"trans_cmd_string.cgi?cmd=2106&command=9&pirPushSwitch=\$pirPushSwitch&pirPushSwitchVideo=\$pirPushSwitchVideo&"

Parameter	Type	Description
pirPushSwitch	int	1: turn on, 0: turn off
pirPushSwitchVideo	int	Cloud video recording: 1: turn on, 0 : turn off

CGI for getting human detection:

"trans_cmd_string.cgi?cmd=2106&command=8&"

Field: pirPushSwitch

2.Motion Detection Frequency(Only For Low-Power Cameras)

Note: This functionality could be set when human detection is enabled;

CGI for setting detection frequency:

String cgi = "trans_cmd_string.cgi?cmd=2106&command=4&humanDetection=\$detection&&mark=123456789&"

Parameter	Type	Description
detection	int	0-3, 0: turn off, 1-3: high-middle-low
mark	int	Random number

CGI for getting detection frequency:

"trans_cmd_string.cgi?cmd=2106&command=3&mark=12345678&"

Field: humanDetection

3.Motion Detection For Corded Electric Cameras

Field to determine whether it is corded electric camera: support_low_power has no value or is equal to 0(Field acquisition command:get_status.cgi?)

CGI for setting motion detection:

String cgi ="trans_cmd_string.cgi?cmd=2017&command=2&mark=212&"

"motion_push_plan1=-1&"

"motion_push_plan2=-1&"

"motion_push_plan3=-1&"

```
"motion_push_plan4=-1&"
"motion_push_plan5=-1&"
"motion_push_plan6=-1&"
"motion_push_plan7=-1&"
"motion_push_plan8=-1&"
"motion_push_plan9=-1&"
"motion_push_plan10=-1&"
"motion_push_plan11=-1&"
"motion_push_plan12=-1&"
"motion_push_plan13=-1&"
"motion_push_plan14=-1&"
"motion_push_plan15=-1&"
"motion_push_plan16=-1&"
"motion_push_plan17=-1&"
"motion_push_plan18=-1&"
"motion_push_plan19=-1&"
"motion_push_plan20=-1&"
"motion_push_plan21=-1&"
"motion_push_plan_enable=$enable&",
```

Parameter	Type	Description
motion_push_plan	int	Alarm plan, length is 21, default value is -1(unset)
enable	int	0: turn off, 1: motion detection, 5: human detection

CGI for getting motion detection:

```
"trans_cmd_string.cgi?cmd=2017&command=11&mark=212&type=2&"
```

Field: motion_push_enable

4.Motion Detection Sensitivity For Corded Electric Cameras

CGI for setting detection sensitivity:

```
"set_alarm.cgi?enable_alarm_audio=0&motion_armed=$motion_armed&motion_sensitivity=$motion_sensitivity&"
```

Parameter	Type	Description
motion_armed	int	1: turn on, 0:turn off
motion_sensitivity	int	1 High, 5 middle, 9 low

CGI for getting detection sensitivity: "get_params.cgi?"

Field: alarm_motion_sensitivity

5.Human Detection Sensitivity For Corded Electric Cameras

CGI for setting detection sensitivity:

```
"trans_cmd_string.cgi?cmd=2126&command=0&sensitive=$sensitive&&mark=123456789&"
```

Parameter	Type	Description
sensitive	int	0-3, 0: Turn off, 1-3 High-middle-low
mark	int	Random number

CGI for getting detection sensitivity:

```
"trans_cmd_string.cgi?cmd=2126&command=1&mark=123456789&"
```

Field: sensitive

6.Humanoid Detection Switch

Low power cameras do not need to enable human framing, they only need to enable humanoid detection. (Alarm will only be triggered when a person is detected, which can improve the accuracy of the alarm)

Value==1 on, value==0 off

CGI for setting humanoid detection:

String cgi = "trans_cmd_string.cgi?cmd=2106&command=4&HumanoidDetection=\$value&"

Parameter	Type	Description
value	int	0:turn off, 1:turn on

CGI for getting humanoid detection:

"trans_cmd_string.cgi?cmd=2106&command=3&"

Field: HumanoidDetection

7.Detection Distance Setting

After enabling motion detection, the detection distance can be set, but it is necessary to determine whether the device supports this function. Use get_status.cgi? to get support_Pir_Distance_Adjust value, if value>0 , it supports this functionality.

CGI for setting detection distance:

String cgi = "trans_cmd_string.cgi?cmd=2106&command=4&humanDetection=\$pirLevel&DistanceAdjust=\$distance&"

Parameter	Type	Description
distance	int	1-3 Near, medium, and far

CGI for getting detection distance:

"trans_cmd_string.cgi?cmd=2106&command=3&"

Field: DistanceAdjust