



Merit LILIN Ent. Co., Ltd.

Temperature Measuring Camera SDK

1 /control? Temperature Detection parameter

Request URL	/control? Temperature Detection parameter
Request method	GET / POST
Allowed	admin
Model	IPCAM

Alarm network parameter

Parameter	Values	Description
alarm.temperature	1/0	Temperature function on or off. 1 is on. 0 is off.
alarm.temperature.unit	1/0	Temperature output type. 0 is Celsius (°C) 1 is Fahrenheit (°F)
alarm.temperature.detection.value	float	Temperature detection alarm value.
alarm.temperature.detection.count	int	Temperature detection alarm value count.
alarm.temperature.range.min	float	Temperature minimum output value.
alarm.temperature.range.max	float	Temperature maximum output value.
alarm.temperature.calibration	float	Temperature calibration value.
alarm.temperature.internalcal	float	All temperature internal calibration in array of temperatures.
alarm.temperature.internalface	int	Adjust the ratio of higher temperature to all in the upper part of the face.

2 /getalarmmotion CGI for temperature reading

Parameter	Values	Description
temperature_mode	%s	face: using face detection block: only temperature blocks to detect.
temperature_internalcal	%f	Get temperature internal calibration value.
temperature_internalface	%d	Get ratio of higher temperature to all in the upper part of the face.
sensor_w	%d	Temperature array width value
sensor_h	%d	Temperature array height value
temperature_avg	%f	Temperature avg value
temperature_detcnt	%d	User setting temperature notice count
temperature_notice	%f	User setting temperature notice value
temperature_alarm	1/0	Over temperature alarm
temperature_unit	1/0	1 is Fahrenheit (°F) 0 is Celsius (°C)

temperature_calibration	%f	All temperature calibration in array of temperatures
temperature_min	%f	Limit display of the minimum temperature
temperature_max	%f	Limit display of the maximum Temperature
temperature_amb	%f	The ambient temperature
temperature_list array	%f array	The temperature array
temp	%f	When both face detection and temperature detection function are On, the detected face temperature will be displayed.
objid	%d	When face detection is On and temperature detection is Off, the detected object ID will be displayed.
hit	1/0	When detected face temperature is higher than over temperature alarm, will display 1. Otherwise, will display 0.
x1	%d	Face detection frame x1 coordinate (Image Size: 720x480)
y1	%d	Face detection frame y1 coordinate (Image Size: 720x480)
x2	%d	Face detection frame x2 coordinate (Image Size: 720x480)
y2	%d	Face detection frame y2 coordinate (Image Size: 720x480)

For example:

```
sensor_w=16;sensor_h=12;
temperature_notice=37.50;
temperature_alarm=0;
temperature_unit=0;
temperature_calibration=0.00;
temperature_min=20.00;
temperature_max=45.00;
temperature_detcnt=1;
temperature_amb=39.22;
temperature_mode=block;
temperature_avg=32.90;
temperature_list=33.31,33.31,32.89,32.02,31.84,32.27,32.01,32.26,32.07,32.02,32.28,31.80,31.98,
32.13,32.34,32.34,33.31,33.31,32.89,32.02,31.84,32.27,32.01,32.26,32.07,32.02,32.28,31.80,31.9
8,32.13,32.34,32.34,33.43,33.43,32.76,32.35,32.47,32.36,32.47,32.22,32.11,32.81,34.46,35.07,32.
34,32.22,32.39,32.39,33.45,33.45,33.05,32.73,33.07,32.55,32.35,31.68,31.67,34.03,36.13,35.12,3
3.20,32.08,32.00,32.00,33.63,33.63,33.02,33.31,33.38,33.03,31.87,31.99,32.26,32.71,32.97,32.21,
32.09,31.76,32.05,32.05,33.26,33.26,33.65,34.18,35.39,35.41,32.60,32.25,32.50,32.30,32.05,32.8
0,33.37,32.02,32.38,32.38,33.65,33.65,33.69,33.47,33.83,33.23,32.98,32.63,32.58,31.71,31.93,32.
06,32.58,32.90,32.34,32.34,33.96,33.96,33.19,33.07,33.47,33.65,33.16,33.61,32.80,32.47,32.52,3
2.28,32.82,32.81,32.35,32.35,33.23,33.23,33.12,33.49,33.75,34.08,33.96,32.68,32.55,33.07,32.68,
32.69,32.74,32.96,32.99,32.99,33.47,33.47,33.98,33.29,33.82,34.07,34.60,33.81,33.01,32.86,32.2
8,32.60,33.02,33.64,33.68,33.68,33.19,33.19,33.31,33.35,32.95,33.24,33.00,32.99,32.45,32.47,32.
60,32.94,33.39,33.46,33.03,33.03,33.19,33.19,33.31,33.35,32.95,33.24,33.00,32.99,32.45,32.47,3
2.60,32.94,33.39,33.46,33.03,33.03,
```

```
temp=36.79,hit=0,x1=331,y1=190,x2=513,y2=368,
```