



Laia Broadcaster Thermal

Laia Broadcaster Thermal is the perfect thermal camera to control the entry, passage and exit of users in a specific area, whether due to the situation with the COVID-19 or any other disease that may cause an epidemic or pandemic.

The Laia Broadcaster Thermal allows its use to control crowded areas of people without having to have it connected to a PC. You can control this with a simple remote control that simplifies your experience of use and helps the most novice in the field. Its integrated software allows, simply by connecting it to a screen or monitor, to capture the temperature of all the users that its focus captures. Also, if you prefer, you can connect it to a PC to use this thermal camera more easily.



Video output compatible with Ethernet or HDMI output, with computer screen or monitor



Two PC-free temperature measurement modes can be adopted to minimize on-site installation



Visible light, synchronous dual infrared body detection - accurate measurement of infrared forehead temperature



Image output mode: connect computer and mobile phone via Ethernet or WIFI (additional WIFI module required)



For high staff temperature, it can automatically take visible and infrared photos, and archive, easy to track



Make it more precise with the BlackBody:

- Effective emissivity of ≥ 0.95
- Temperature resolution 0.01°C
- Temperature measurement accuracy $\pm (0.15 + 0.003 | t |)^{\circ}\text{C}$

PROFESSIONAL WARRANTY

3 year "Prime support" warranty 24 hrs advanced replacement

CHARACTERISTICS

Resolution	80x60
Operating band	8 ~ 14um
Frames per second	25 hz
NETD	70mK @ 25
Lens	4mm, F1.2
Vision angle	Horizontal 84 °
Temperature measurement range	10 ° C ~ 50 ° C
Temperature measurement accuracy	For the human body through the temperature compensation algorithm up to $\pm 0.4^{\circ}\text{C}$
Temperature measurement	Temperature measurement area can be set, and face temperature can be measured automatically by body recognition and facial recognition
Samples	Improved red iron, white heat, black heat, iron red, rainbow, red heat, cold blue, etc.

VISIBLE LIGHT

Resolution	1080p
Lens	2.3mm F2.8
Vision angle	110 degree
Frame rate	25 hz
Minimum illumination	0.5lux @ (F1.8, AGC ON)
Backlight compensation	Supported
Digital noise reduction	2D & 3D digital noise reduction
Video S / N	$\geq 55\text{dB}$

GENERAL SPECIFICATIONS

Interface	RJ45 HDMI RS485 interface, can be connected to other terminal equipment Alarm interface
Does not work with PC	Remote sensing button can be used for PC-free operation
Wireless communication	WIFI support (an additional WIFI module is required) and a 4G / 5G router can be installed
Work temperature	10 ° C ~ + 50 ° C (It is recommended that the ambient temperature of 10-30 ° C is best for an accurate measurement of human body temperature)
Storage temperature	-40 ° C to + 85 ° C
Waterproof and dust proof	IP54
Product size (mm)	129x 73 x 61 (Lx W x H)
Net weight	295g
Photo storage	Supports infrared, visible light, fusion photo storage
Installation	Standard 1/4 "camera tripod mount or ceiling ceiling mount.

SOFTWARE

Smart app	Body recognition, facial recognition
Temperature display	Human body temperature measurement, facial recognition temperature measurement, high temperature monitoring of the measurement area, the core temperature can be measured at a fixed point
The alarm	The alarm holder jumps above the set temperature threshold. You can sound the alarm, while capturing photos and storing alarm information.
Frame temperature measurement	Supports the measurement of the frame temperature, according to the access of different personnel to set the temperature
Temperature compensation	Depending on the environment, manually set your own temperature compensation.
Taking pictures	Open manual photo, automatic alarm photo
Cloud upload	It must be customized according to different cloud requirements.

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