



## FEATURES

- System for remote body temperature measurement
- Dual IP Thermographic Camera
- Thermal resolution 384x288
- Optical Resolution 1920x1080
- 10 mm Lens (Term)
- Accuracy  $\pm 0.3^{\circ}\text{C}$  (With blackbody)
- Temperature measuring range  $20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Blackbody (Included): Precision calibration system
- Temperature adjustment range  $30^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Temperature resolution  $0.1^{\circ}\text{C}$
- Temperature stability  $\pm(0.1-0.2)^{\circ}\text{C}/30 \text{ min}$
- Monitoring and management software

## TECHNICAL SPECIFICATIONS

### Dual IP Thermographic Camera

Thermal sensor	384x288 Vanadium Oxide
Optical sensor	1/2.7" Progressive Scan CMOS 2 Megapixel Minimum
Minimum illumination (for optical part)	Colour: 0.09 Lux @ (F1.6, AGC ON), IR up to 50 m distance
Main Stream rate	384x288(50fps) Thermal / 1920x1080 (25fps) Optical
Extra Stream rate	384x288 (50fps) Thermal / 704x576 (25fps) Optical
Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Lens	15 mm (Therm)
Viewing angle	$37.5^{\circ} \times 28.6^{\circ}$ (Therm)
Thermal sensitivity	$< 40\text{mK}$ ( $0.05^{\circ}\text{C}$ )
Thermal measurement range	$20 \sim 50^{\circ}\text{C}$ / High precision $\pm 0.3^{\circ}\text{C}$ (Only using blackbody)
Spectral range	8~14 m
Pitch detector	17 m
VCA ranges	3 temperature measurement rules, up to 21 rules in total (10 points, 10 areas and 1 line)
Intelligent functions	Body temperature measurement
Features in Measurement	Up to 30 face detections in the same scene / Between 3 ~ 4 m of distance in the detection
Audio	1 output line level 600 ohm
Alarm	1 Relay
Internal memory	Micro SD card up to 256GB
Network interface	Ethernet 10/100 BaseT
Remote access	WEB, CMS and NVR interface
Interoperability	ONVIF
Recommended Installation	2 m of height
Power supply	12VDC
Temp. operation	$0^{\circ}\text{C} \sim +30^{\circ}\text{C}$
Degree of protection	Weatherproof IP66
Dimensions	293.9 mm (Fo) x 120.7 (An) x 119 (Al) mm
Weight	2 Kg

### Blackbody

Temperature Range	$30^{\circ}\text{C} \sim 50^{\circ}\text{C}$ Adjustable
Temperature Stability	$\pm(0.1-0.2)^{\circ}\text{C}/30 \text{ min}$
Recommended Installation	2 m max. from the ceiling (always inside the camera FOV)
Power supply	220 VAC, 50 Hz
Dimensions	240 (D) x 150 (H) x 160 (W)