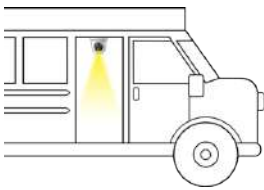


CV-KHP001

Thermal Face Detection Solution



Topology



THERMAL CAMERA



AI BOX




MONITOR
(Optional)




Features

- Combine AI face detection function, only detects face temperature
- Getting accurate results after calibrating the temperature according to different environments
✘ Temperature accuracy base on the environment.
- SAFE / WARNING result and sound alert display on the screen in real time.

Specifications

THERMAL CAMERA		
		
Thermal Camera Lens	Thermal Sensor	Non Cooling type
	Spectral Rang / Band	7.5–13 μm
	Resolution	64 x 48 @8fps (3,000 pixels)
	Measurement Distance	Optimum distance: within 1M
	Field of View (FOV)	35° x 55°
	Lens	Fixed lens
	Palette	Full color palette 3-Tone color wheels Contrast
Measurement	Face Detection Temperature	30°C to 50°C (86°F to 122°F)
	Accuracy	Error ± 0.3°C
Analysis	Atmospheric Transmission Correction	Auto
	Optical lens Transmission Correction	Auto
	Emissivity Correction	Auto
	Temperature Alarm	YES
Optical Camera	Pick Up Device	1 / 2.8" SONY CMOS
	Resolution	1920 (H) x 1080 (V) @30fps
	Min. Illumination	0.01 Lux
	Lens	6MM
	Aperture	F:2.0
Dimension	Ø109 x 130mm	

AI Box	
	
SOM	NVIDIA® Tegra® X1 series SoC - NVIDIA Maxwell GPU - ARM® quad-core Cortex® - A57 CPU Complex
	eMMC 16GB
	LPDDR4 4GB
Video Out	HDMI
MIPI CSI 2	2 four lane
Camera In	2 CH
USB 2.0	1
USB 3.0	1
Network	RJ45
LED	Power, Warning
Speaker	1
Power Consumption	25W@DC12V
Button	Power, Reset
Dimension	206 mm (W) x 114.1 mm (D) x 53.63 mm (H)