

- Thermal Imaging IR Camera System with 8 Inch LCD Display.
- Built-in non-contact high-precision thermal imaging module + live detection.
- Multiple usage mode configurations.
- Ultra-thin robust metal shell.
- Wiegand protocol for access control/gate controls.
- Rich hardware interface with integrated 100M Ethernet interface, audio interface, Wiegand interface, relay interface.
- 2D/ 3D digital noise reduction support.
- Low power consumption.
- Software and hardware customisation support.

Power & Weight

DC12V / Consumption 5W / Dimensions 215x125x20mm / Weight<1kg

Parameters

Range 35.9~42°C / Precision $\pm 0.3^{\circ}\text{C}$ / Detection distance 0.4m~0.7m / Working Humidity 0%-90%.

Camera

Lens focal length: 1.8mm / Field of View: 118° / Mini illum: 0.01 Lux @ F1.2 color mode / Dynamic Range: $\geq 100\text{dB}$ / S/N Ratio $\geq 43\text{db}$ (AGC OFF).

Exposure

Program mode (customisable shutter interval), Shutter mode (1/5-1/20,000s) support for slow shutter / White balance: Auto, indoor, outdoor, sodium lamp mode, manual / Digital noise reduction: Support DNR, 3DNR / Day & night mode: Fixed colour.

Video compression

H.265 Main Profile / H.264 High-profile / M-JPEG / Max resolution: 1920x1080@30fps.

Resolution

Mainstream: 1920x1080, 1280x960, 1280x720, 720x576 / Sub stream: 640x480, 352x288.320x240.176x144 / MJPEG 1920x1080. 1280x720.closed / Output bit rate (CBR orVBR), Bitstream settingrange:32Kbps~10Mbps / Audio compression G711, PCM / Character overlay: Support channel name, date, and time overlay, adjust able overlay position.

AI

Recognition speed $\leq 300\text{ms}$ / Live detection support / Mask detection support / Body temperature support

Interface

network 1ch10/100BaseTEthernet RJ45interface / Wiegand: 1ch Wiegand output interface / Switch: 1ch relay output / MIC: Built-in / Audio: Built-in 2ch audio