



Face recognition temperature detection



Product number:

LUX SCAN

Product features and application scenarios:

Passes high-precision infrared temperature detection and perfectly integrates intelligence such as faces, ID cards, etc.

Functions such as access control, attendance, etc., enabling non-contact rapid detection, registration, and recording of human body temperature.

It is suitable for places where people flow is controlled, such as office areas, hotels, aisles, office buildings, schools, shopping malls, communities, public services, and management projects.



Main features:

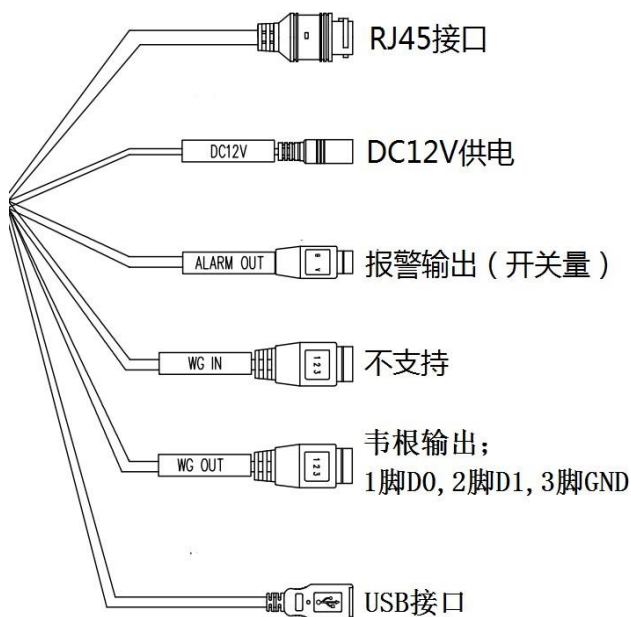
- Non-contact automatic body temperature detection, brush human face and perform high-precision infrared human temperature collection at the same time, fast and efficient;
- Temperature measurement range 30-45 (°C) Accuracy ± 0.3 (°C)
- Automatically identify unmasked personnel and provide real-time warning;
- Support long-range temperature measurement and real-time early warning of high temperature;
- Support temperature data SDK and HTTP protocol docking;
- Automatically register and record information, avoid manual operation, improve efficiency and reduce missing information;
- Support binocular live detection
- Unique face recognition algorithm to accurately recognize faces, face recognition time <500ms
- Support human motion tracking exposure in strong backlight environment, support machine vision optical dynamics ≥ 80 dB;
- Adopt Linux operating system for better system stability
- Rich interface protocols, support SDK and HTTP protocols under multiple platforms such as Windows / Linux
- 8-inch IPS HD display
- IP54 rated dust and water resistant
- MTBF > 50000 H
- Support one Wiegand input or Wiegand output
- Supports fog-through, 3D noise reduction, strong light suppression, electronic image stabilization, and has multiple white balance modes, suitable for various scene needs
- Support electronic voice broadcast (normal human body temperature or super high alarm, face recognition verification results)
- 0 °C to + 50 °C environment long-term stable work



Specification	
hardware	
Processor	Hi3516DV300
Operating system	Linux Operating system
Storage	16G EMMC
Imaging Device	1/2.7" CMOS
Lens	4mm
Camera parameters	
Camera	Binocular camera, support live detection
Effective Pixels	2 million effective pixels, 1920 * 1080
Minimum Illumination	Color 0.01Lux @ F1.2 (ICR); B / W 0.001Lux @ F1.2
Signal to noise ratio	≥50db (AGC OFF)
Wide dynamic range	≥80db
Face performance	
Face recognition height	1.2-2.2 meters, adjustable angle
Face recognition distance	0.5-3 meters
Perspective	Up and down 30 degrees
Recognition time	<500ms
Features	Supports 22,400 face comparison libraries and 100,000 face recognition records
Temperature performance	
Temperature measurement range	30-45 (°C)
Temperature measurement accuracy	±0.3 (°C)
Temperature measurement distance	≤0.5 米
Response time	<300ms
interface	



Network Interface	RJ45 10M / 100M adaptive Ethernet port
Wiegand interface	Supports Wiegand input or Wiegand output, Wiegand 26 and 34
Alarm Output	1 digital output
USB interface	1 USB port (can be connected with external ID card reader)
General parameters	
powered by	DC 12V/3A
equipment power	20W(MAX)
Operating temperature	-0°C - +50°C
Working humidity	5 ~ 90% relative humidity, non-condensing
Equipment size	154 (W) * 89 (Thick) * 325 (H) mm
equipment weight	2.1 kilograms
Column Aperture	30mm





Overall dimensions (mm):

