FS

Dual-Spectrum Thermal Bullet Network Camera

4MP PoE IP Cameras

Overview

Featuring dual-**spectrum** technology, thermal network camera can provide more image details by supplementing thermal images with optical ones, reducing the costs required to install separate thermal and optical cameras.

In order to respond to the COVID-19 epidemic situation, FS released dual-**spectrum** thermal network camera to detect body temperature and increase efficiency in crowded places, ideal for hospitals, campus, office buildings, apartments and other applications.

Benefits

• Human Body Temperature Screening

• 50m (164ft) Night Vision

• 120dB WDR

• H.265, H.264, MJPEG

• PoE Power Supply

• Built-in Micro SD Card Slot

Technical Specification

	IPC401HT-4M-B
Optical	
Image Sensor	1/1.8" Progressive Scan CMOS
Max.Resolution	2688x1520
Max.Frame Rate	60fps
Min. Illumination	Color: 0.001Lux (F1.6, AGC ON); 0Lux with IR
Shutter Speed	Auto/Manual, 1- 1/100000s
Focal Length (mm)	4.0
Aperture	F1.6
Field of View (FOV)	(H) 91.2˚ (V) 48˚
Day/Night	Support
IR-cut Filter	Support
IR On/Off Control	Auto/Manual
IR Range	50m (164ft)
Wavelength	850nm
Wide Dynamic Range (WDR)	120dB
Thermal	
Sensor Type	Vanadium Oxide Uncooled Focal Plane Arrays
Max.Resolution	256x192
Max.Frame Rate	25fps
Field of View (FOV)	(H) 56˚ (V) 42˚
Response Waveband	8 to 14μm
Pixel Size	12μm
IFOV	3.75mrad
NETD	< 50mk @f1.0 @25˚C
Focal Length (mm)	3.2mm
Aperture	F1.1
Palette	Up to 20 palettes of optional color, including: white hot, lava, iron oxide red, hot iron, medical, arctic, rainbow 1, rainbow 2, rainbow 3, depict hot, ice hot, black hot, mazarine, fusion, red hot, green hot, color 1, color 2, rain, puce

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Temperature Screening Accuracy	
Temperature Range	30°C to 42°C
Temperature Accuracy	±0.3℃（with black-body）, without black-body is not supported
Temperature Screening Working Environment	16°C to 32°C
Smart	
Human body Temperature Screening	Support human body temperature screening when OSD displays the temperature on the body surface or inside. Support human body temperature screening alarm, and set alarm threshold temperature
Audio and Light Alarm	Support audio and light warning function, with red and blue warning lights built in
Face Detection	Optical camera support face detection
Attribute collection	Support mask and human body temperature attribute collection
Alarm	Support alarm when no mask and abnormal temperature are detected
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Video	
Video Compression	H.265, H.264, MJPEG
Video Stream	Triple Streams
On-Screen Display (OSD)	Up to 8 OSDs
Privacy Mask	Up to 8 Areas
Audio	
Audio Compression	G.711U,G.711A
Two-way Audio	Supported, Built in mic and speakers
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP
Compatible Integration	ONVIF (Profile S, Profile G)

Technical Specification

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Network	
Client	Guard Station Guard Viewer
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Interface	
Network	10/100M Base-TX Ethernet
External Audio I/O	Support
External Alarm I/O	Support
Serial Port	1x RS485
General	
Power	DC 12V±25%, PoE(IEEE802.3af)
Power Consumption	≤ 11W
Dimension (Hx Wx D)	104.1x 306.4x 115.9mm(4.1''x 12.1''x 4.6'')
Net Weight	3.96lb (1.8kg)
Warranty	2 Years

United Kingdom   Russia

Germany

United States

China

Singapore

Australia

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