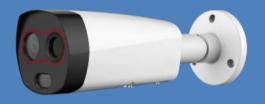
EN-DK-001a Body Temperature Measurement Camera



Key Features

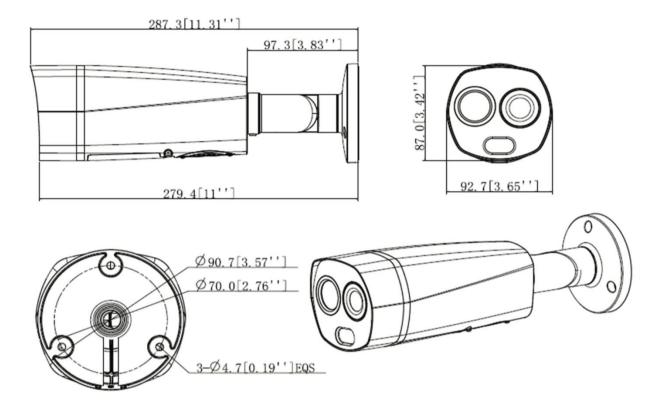
- On-board temp-detection algorithm
- One IP address two channels
- Effective pixels 256 x 192
- Sensitivity ≤50mK
- Thermal: 7.5mm Fixed lens, Visible: 6mm Fixed lens
- Accuracy ±0.3°C
- 18 color control

Specification

	ions
Effective Pixels	256 x 192
Spectral Range	8µm–14µm
Thermal Sensitivity	≤50mK@f/1.0
Focal Length	7.5mm
Field of View	H: 32.4°, V: 24.6°
Focus Mode	Athermalized
Aperture	F/1.0
DDE	Yes
AGC	Auto; Manual
Noise Reduction	2D NR; 3D NR
Image Flip	180°/MIrror
Color Palettes	18 (Whitehot/Blackhot/Ironrow/Icefire/Fusion/Rainbow/ Globow/Iconbow1/Iconbow2 .etc)
Temperature Measurement Range	30°C to 45°C (86°F to 113°F)
Temperature Accuracy	$\pm 0.3^{\circ}$ C (with black body) when the environment temperature is 10°C to 30°C (50°F to 86°F)
Visible Specification	
Image Sensor	1/2.8" CMOS
Effective Pixels	1920 × 1080
Max. Resolution	2MP
Electronic Shutter Speed	1/30000s-1s
Min. Illumination	Color: 0.01 Lux B/W: 0.001 Lux 0 Lux (IR on)
IR Illumination Distance	50 m (164 ft)
IR Illuminator On/Off Control	Auto; Manual
Focal Length	6 mm
Aperture	F/2.0
Field of View	H: 52.8°, V: 30.3°
Focus Mode	Fixed
Close Focus Distance	1.6 m (5.2 ft)
BLC	Yes
WDR	Yes
HLC	Yes
White Balance	Auto/Manual/Indoor/Outdoor/Tracking/Sodium lamp/ Street lamp/Natural
AGC	Auto; Manual
Noise Reduction	2D NR; 3D NR
S/N Ration	≥55 dB
Rol	Yes
Image Flip	180°/MIrror
Exposure Compensation	Yes
Video and Audio	
Video Compression	H.265, H.264M, H.264H, H.264B
Frame Rate	Thermal (50Hz): Main Stream: 1fps-25fps adjustable. 25 fbs by default. Sub Stream: 1fps-25fps adjustable. 15 fps by default. Visible (50Hz): Main Stream: 1fps-25fps adjustable. 25 fbs by default. Sub Stream: 1fps-25fps adjustable. 15 fps by default.

Resolution	Thermal Main stream: 1280 x 1024, 1280 x 960 , 1280 x 720, 400 x 300. 1280 x 960 by default Sub stream: 640 x 512, 640 x 480, 400 x 300. 400 x 300 by default Visible Main stream: 1080P (1920 x 1080), 720P (1280 x 720), D1 (704 x 576). 1080P by default Sub stream: D1 (704 x 576), CIF (352 x 288). CIF by default
Audio Compression	G.711a; G.711mu; AAC; PCM
Network	
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; SNMP; QoS; UPnP; NTP; Multicast; SFTP; 802.1x
Edge Storage	Micro SD card 256GB
Interoperability	ONVIF; GCI; SDK
Browser	IE: IE8 and the later, and explorer with IE core Google: 42 and the earlier Firefox: 42 and the earlier
User/Host	20 users at most (total bandwidth 64Mbps)
Security	Authorized username and password; attached MAC address; encrypted HTTPS; IEEE 802.1x; controlled network access
Certification	
Certifications	CE: EN55032:2015; EN61000-3-2:2014 FCC:CFR 47 FCC Part15 subpart B; ANSI C63.4- 2014
Port	
Ethernet	1 10M/100M Ethernet port (RJ-45)
Audio Input	1
Audio Output	1
Alarm Input	1
Alarm Output	1
RS-485	1
Power	
Power Supply	12V±20% DC; POE (802.3af); ePOE
Power Consumption	Basic consumption: <8W (12V DC) Max consumption: <18W (12V DC, without power adapter)
Operating Temperature	10°C to 30°C (50°F to 86°F)
Environment	
Operating Temperature	10°C to +30°C (50°F to 86°F)
Operating Humidity	≤93%@40°C (104°F)
Ingress Protection	IP67
Structure	
Dimensions	365×175×176mm (with bracket)
Net Weight	≤1.4 Kg (3.09 lb)
Gross Weight	≤1.9 Kg (4.19 lb)

Dimensions (mm[inch])



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