

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 $\leq 50\text{mK}$
- Thermal: 7.5mm Fixed lens, Visible: 6mm Fixed lens
- Accuracy $\pm 0.3^{\circ}\text{C}$
- 18 color control

Specification

| Thermal Specifications | |
|-------------------------------|--|
| 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 | ±0.3°C (with black body) when the environment temperature is 10°C to 30°C (50°F to 86°F) |
| Visible Specifications | |
| Image Sensor | 1/2.8" CMOS |
| Effective Pixels | 1920 x 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 fps by default. Sub Stream: 1fps-25fps adjustable. 15 fps by default. Visible (50Hz): Main Stream: 1fps-25fps adjustable. 25 fps 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. 400x300 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 | 365x175x176mm (with bracket) |
| Net Weight | ≤1.4 Kg (3.09 lb) |
| Gross Weight | ≤1.9 Kg (4.19 lb) |

Dimensions (mm[inch])

