



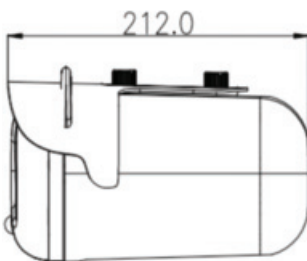
TNC-20-BDC

Body Temperature Detection Network Camera



Features:

- On-board temp-detection algorithm
- One IP address two channels
- Effective pixels 400×300
- Sensitivity 40mK
- Thermal: 8mm Fixed lens,
Visible: 2.7-12mm motorized lens · Accuracy 0.3°C
- Body detection, up to 16 Targets
- Response Time 30ms
- 17 color control



| Model | TNC-20-BDC |
|----------------------------|---|
| Thermal Camera | |
| Detector Type | Uncooled IRFPA Micro bolometer |
| Effective Pixels | 400(H) × 300(V) |
| Pixel Size | 17um |
| Thermal Sensitivity (NETD) | 40mK @F1.0, 300K |
| Spectral Range | 8~14um |
| Image Setting | Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI |
| Color Palettes | Black-Heat / White-Heat / Rainbow / Iron-Red up to 17 modes |
| Thermal Lens | |
| Lens Type | Fixed |
| Focus Control | Manual Focus |
| Focal Length | 8mm |
| Max. Aperture | F1.0 |
| Angle of View | H: 46°, V:35.3° |
| Visible Camera | |
| Visible Camera | 1/1.9" Sony CMOS |
| Effective Resolution | 1920(H)×1080(V) |
| Shutter Speed | 1/50 ~ 1/64,000s |
| WDR | True WDR 120dB |
| Min. Illumination | Color: 0.01Lux @(F1.2, AGC ON) B/W: 0.001Lux @(F1.2, AGC ON) |
| S/N Ratio | More than 55dB |
| Focal Length | 2.7 ~ 12mm |
| Max Aperture | F1.6~ F2.9 |
| Angle of View | 105°~ 32° |
| Focus Control | Motorized |
| Video and Audio | |
| Compression | H.265, H.264, MJPEG |
| Frame Rate | Main Stream: Thermal: D1 @25/30fps Visible: 1920×1080/1280×720 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640×360/CIF/QCIF/QVGA @25/30fps |
| Region of Interest | Off / On (8 Zone, Rectangle) |
| Digital Zoom | 16x |
| Mirror | Yes |
| Motion Detection | Yes |
| Privacy Masking | Off / On (4 Area, Rectangle) |
| DVE Image Enhance | Support |
| Audio Compression | G.711, AMR, RAW_PCM (Optional) |

| Professional Intelligence | |
|---|---|
| Intelligent Functions | Motion detection, Disk alarm, I/O alarm, Temperature alarm |
| IVS | Smart Body Detection, Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left , Object Removed |
| Network | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocols | IPv4/IPv6, HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP, 802.1x |
| Interoperability | ONVIF, CGI, SDK |
| Streaming Method | Unicast |
| Max. User Access | 10 Users |
| Web Viewer | <IE11, Chrome, Firefox |
| Web Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian |
| Edge Storage | NAS Local PC for instant recording Micro SD card 128GB |
| Temperature Detection | |
| Detection Mode | Body temperature monitoring |
| Detection Preset | Max 16 goals |
| Temperature Alarm | Over temperature alarm, Temperature difference alarm |
| Accuracy | ≤ 0.3 °C (Emission rate, distance, ambient temperature) |
| Response Time | ≤30ms |
| Theory of temperature measurement range | Temperature target >5°C, Display absolute temperature value; Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average) |
| Interface | |
| Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1ch Audio In, 1ch Audio Out |
| Alarm | 2ch Alarm In, 2ch Alarm Out |
| RS485 | Support |
| BNC Output | N/A |
| Reset Button | Support (Built-in) |
| Electrical | |
| Power supply | DC12V/POE (IEEE 802.3af) |
| Power Consumption | Max 10W |
| General | |
| Operating Conditions | -30°C ~ +60°C (-22°F ~ +140°F) |
| Storage Conditions | 0~ 90% RH |
| Ingress protection | IP66 |
| Construction | |
| Casing | Metal |
| Dimensions | 212 × 182 × 136mm / 8.35" × 7.16" x |
| Net Weight | 2kg (4.41 lb) |
| Certifications | CE /FCC |

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