

HTD2617B-6-PA



FEATURES

Thermographic Bullet Camera

- 160 × 120 Resolution in Thermal Channel, High Sensitivity Sensor
- Accuracy: $\pm 0.9^{\circ}$ F ($\pm 0.5^{\circ}$ C) at 4.92 ft to 9.84 ft (1.5 m to 3 m)
- Reliable Temperature Exception Alarm Function
- 3D DNR, Image Detail Enhancement
- White Light and Audio Alarm

| Thermal Module | |
|---------------------------|--|
| Image Sensor | Vanadium Oxide un-cooled focal plane arrays |
| Maximum Resolution | 160x120 (output image resolution is 320x240) |
| Pixel Interval | 17 μ m |
| Response Waveband | 8 μ m to 14 μ m |
| NETD | Less than 40mK (25°C), F# = 1.1 |
| Lens Focal Length | 6.2 mm |
| IFOV | 2.74 mrad |
| Field of View | 25° × 18.7° (H x V) |
| Minimum Focusing Distance | 1.97 ft (0.6m) |
| Aperture | f/1.1 |
| Optical Module | |
| Maximum Image Resolution | 2688x1520 |
| Image Sensor | 1/2.7" progressive scan CMOS |
| Minimum Illumination | Color: 0.0089 lux @ (f/1.6, AGC on), B/W: 0.0018 lux @ (f/1.6, AGC on) |

| Thermal Module | |
|--------------------------|--|
| Shutter Speed | 1s to 1/100,000s |
| Lens (Focal Length) | 8mm |
| Field of View | 39.42° × 22.14° (H × V) |
| WDR | 120 dB |
| Day/Night | IR cut filter with auto switch |
| Image Function | |
| Bi-Spectrum Image Fusion | Fusion view of thermal view and overlaid details of the optical channel |
| Picture-in-Picture | Combines details of thermal and optical image PIP, overlay thermal image on optical image |
| Smart Function | |
| Temperature Measurement | 3 temperature measurement rule types, 21 rules (10 points, 10 areas, 1 line) |
| Temperature Accuracy | ±0.9° F (±0.5° C) 4.92 ft to 9.84 ft (1.5 m to 3 m) |
| Infrared | |
| IR Distance | Up to 131ft (40m) |
| IR Intensity and Angle | Automatically adjusted |
| Network | |
| Main Stream | Optical: 30 fps (2688 × 1520), 30 fps (1920 × 1080), 30 fps (1280 × 720) Thermal: 25 fps (280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| Sub-Stream | Optical: 30 fps (704 × 480), 30 fps (352 × 240), 30 fps (176 × 120) Thermal: 25 fps (704 × 576, 352 × 288, 320 × 240) |
| Video Compression | H.265/H.264/MJPEG |
| Audio Compression | G.711u/G.711a/G.722.1/MP2L2/G.726/PCM |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE |
| Simultaneous Live View | Up to 20 |
| User/Host Level | Up to 32 Users, 3 levels: administrator, operator, user |
| Security Measures | User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE802.1x access control, IP address filtering |
| Integration | |
| Alarm Input | 2-ch inputs (0–5 VDC) |
| Alarm Output | 2-ch relay outputs, alarm response actions configurable |
| Alarm Action | SD recording/relay output/smart capture/FTP upload/e-mail linkage/audio alarm/white light alarm |
| Audio Input | 1 x 3.5 mm mic in/line in interface. Line input: 2–2.4 V [p-p], output impedance: 1K Ω ±10% |
| Audio Output | Linear level; impedance: 600 Ω |
| Reset | 1 x reset button |
| Communication Interface | 1 x RJ-45 10M/100M self-adaptive Ethernet interface, 1 x RS-485 interface |

| Thermal Module | |
|--------------------------------|---|
| SD Memory Card | Built-in microSD card slot, supporting microSD/SDHC/SDXC card (up to 128 GB), supports manual/alarm recording |
| Analog Video Output | 1.0 V [p-p]/75 Ω, BNC, PAL/NTSC |
| Web Browser | IE9+, Chrome 31–44, Firefox 30–51, Safari 5.02+ (mac) |
| General | |
| Power | 12 VDC ±20%, two-core terminal block PoE (802.3af, class 3) |
| Power Consumption | 12 VDC ±20%: 0.65 A, maximum 7.5 W PoE (802.3af, class 3); 42.5 V to 57 V, 0.14 A to 0.22 A, maximum 8 W |
| Working Temperature / Humidity | Temperature: 50° to 95° F (10° to 35° C), indoor and windless environment use only Humidity: 95% or less (non-condensing) |
| Protection Level | IP66 standard TVS 6000 V lightning protection, surge protection, voltage transient protection |
| Dimension | 14.10" × 4.47" × 4.53" (358.3 mm × 113.5 mm × 115.2 mm) |
| Weight | Approximately 3.88 lb (1.76 kg) |
| Mounts | |
| Corner | HTH-276ZJ |
| Pole | HTH-275ZJ |