

**DIS-2TD2617B-6/PA**  
**Temperature Screening Thermographic Bullet Camera**

**DeepinView**<sup>series</sup>



DIS-2TD2617B Temperature Screening Thermographic Bullet camera is designed to detect elevated skin-surface temperature with high accuracy in real time. It can be used for preliminary temperature screening in office buildings, factories, stations, airports and other public places.

**Key Feature**

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Temperature range: 30°C to 45°C; temperature accuracy:  $\pm 0.5$  °C
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm

## Specification

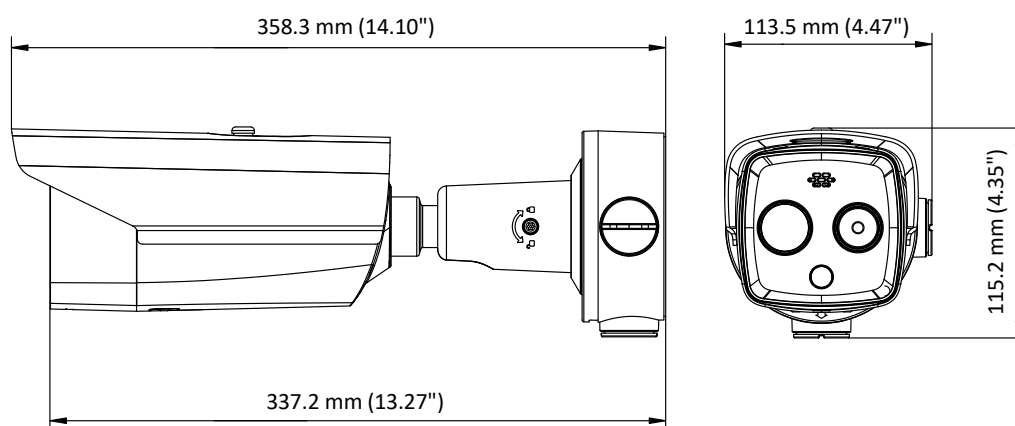
| Thermal Module                                 |                                                                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                   | Vanadium Oxide Uncooled Focal Plane Arrays                                                                                                                                                                                                |
| Max. Resolution                                | 160 × 120 (the resolution of output image is 320 × 240)                                                                                                                                                                                   |
| Pixel Interval                                 | 17μm                                                                                                                                                                                                                                      |
| Response Waveband                              | 8 μm to 14 μm                                                                                                                                                                                                                             |
| NETD (Noise Equivalent Temperature Difference) | ≤ 40 mk (@25 °C, F# = 1.1)                                                                                                                                                                                                                |
| Lens (Focal Length)                            | 6.2 mm                                                                                                                                                                                                                                    |
| IFOV                                           | 2.74 mrad                                                                                                                                                                                                                                 |
| Field of View                                  | 25° × 18.7° (H × V)                                                                                                                                                                                                                       |
| Min. Focusing Distance                         | 0.6 m                                                                                                                                                                                                                                     |
| Aperture                                       | F 1.1                                                                                                                                                                                                                                     |
| Optical Module                                 |                                                                                                                                                                                                                                           |
| Max. Image Resolution                          | 2688 × 1520                                                                                                                                                                                                                               |
| Image Sensor                                   | 1/2.7" Progressive Scan CMOS                                                                                                                                                                                                              |
| Min. Illumination                              | Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)                                                                                                                                                                        |
| Shutter Speed                                  | 1 s to 1/100,000 s                                                                                                                                                                                                                        |
| Lens (Focal Length)                            | 8 mm                                                                                                                                                                                                                                      |
| 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 in total (10 points, 10 areas, and 1 line).                                                                                                                                                |
| Temperature Range                              | 30°C to +45 °C                                                                                                                                                                                                                            |
| Temperature Accuracy                           | ±0.5°C                                                                                                                                                                                                                                    |
| Infrared                                       |                                                                                                                                                                                                                                           |
| IR Distance                                    | Up to 40 m                                                                                                                                                                                                                                |
| IR Intensity and Angle                         | Automatically adjusted                                                                                                                                                                                                                    |
| Network                                        |                                                                                                                                                                                                                                           |
| Main Stream                                    | Visible Light: 50Hz: 25fps (2688 × 1520), 25fps (1920 × 1080), 25fps (1280 × 720)<br>Visible Light: 60Hz: 30fps (2688 × 1520), 30fps (1920 × 1080), 30fps (1280 × 720)<br>Thermal: 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240 |

|                              |                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub-stream                   | Visible Light: 50Hz: 25fps (704 × 576), 25fps (352 × 288), 25fps (176 × 144)<br>Visible Light: 60Hz: 30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)<br>Thermal: 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, IEEE 802.1x access control, IP address filtering                                                                                                                                                                                                                     |
| <b>Integration</b>           |                                                                                                                                                                                                                                                                                                                                              |
| 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/email linkage/audio alarm/white light alarm                                                                                                                                                                                                                                               |
| Audio Input                  | 1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%                                                                                                                                                                                                                                               |
| Audio Output                 | Linear level, impedance: 600 Ω                                                                                                                                                                                                                                                                                                               |
| Reset                        | 1, Reset Button                                                                                                                                                                                                                                                                                                                              |
| Communication Interface      | 1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface                                                                                                                                                                                                                                                                       |
| SD Memory Card               | Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB)<br>Supports manual/alarm recording                                                                                                                                                                                                                               |
| Application Programming      | Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform                                                                                                                                                                                                                                                             |
| Client                       | iVMS-4200, Hik-Connect                                                                                                                                                                                                                                                                                                                       |
| Web Browser                  | IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)                                                                                                                                                                                                                                                                                         |
| <b>General</b>               |                                                                                                                                                                                                                                                                                                                                              |
| Menu language                | 32 languages<br>English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |
| Power                        | 12 VDC ± 20%, two-core terminal block<br>PoE (802.3af, class 3)                                                                                                                                                                                                                                                                              |
| Power Consumption            | 12 VDC ± 20%: 0.65 A, max. 7.5 W<br>PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W                                                                                                                                                                                                                                       |
| Working Temperature/Humidity | Temperature: 10 °C to 35 °C (Indoor and windless environment use only)<br>Humidity: 95% or less                                                                                                                                                                                                                                              |
| Protection Level             | IP66 Standard<br>TVS 6000V lightning protection, surge protection, voltage transient protection                                                                                                                                                                                                                                              |
| Dimensions                   | 358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.53")                                                                                                                                                                                                                                                                                      |
| Weight                       | Approx. 1.76 kg (3.88 lb)                                                                                                                                                                                                                                                                                                                    |

## Available Model

DIS-2TD2617B-6/PA

## Dimension





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