

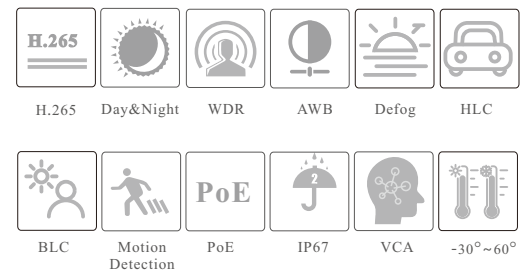
CAMERA

## TD-9544E3B

### 4MP Network IR Water-Proof Turret Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night vision
- 20 ~ 30m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



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For more information, please visit our website

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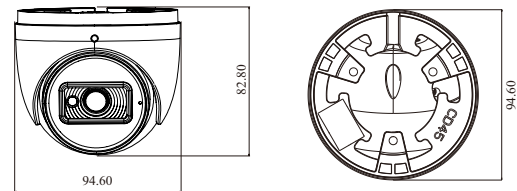
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### SPECIFICATIONS

| Model                        | TD-9544E3B   |                 |                 |                |
|------------------------------|--|-----------------|-----------------|----------------|
| <b>Specifications</b>        |  |                 |                 |                |
| <b>Camera</b>                |  |                 |                 |                |
| Image Sensor                 | 1 / 3 "CMOS  |                 |                 |                |
| Image Size                   | 2592 × 1520  |                 |                 |                |
| Electronic Shutter           | Auto/manual; manual mode: 1 / 2s ~ 1 / 100000 s  |                 |                 |                |
| Iris Type                    | Fixed Iris   |                 |                 |                |
| Min. Illumination            | 0.005 lux@F1.6, AGC ON; 0 lux with IR  |                 |                 |                |
| Lens                         | 2.8 mm@F1.6, Horizontal FoV: 95.3°; vertical FoV: 53.2°; diagonal FoV: 100.7°<br>3.6 mm@F1.6, Horizontal FoV: 78.8°; vertical FoV: 42.3°; diagonal FoV: 100.2°   |                 |                 |                |
| Focus                        | Fixed  |                 |                 |                |
| Lens Mount                   | M12  |                 |                 |                |
| Day & Night                  | ICR  |                 |                 |                |
| Wide Dynamic Range           | 120dB  |                 |                 |                |
| BLC                          | Yes  |                 |                 |                |
| HLC                          | Yes  |                 |                 |                |
| Defog                        | Yes  |                 |                 |                |
| S/N Ratio                    | ≥ 50dB   |                 |                 |                |
| Digital NR                   | 3D DNR   |                 |                 |                |
| Angle Adjustment             | Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°  |                 |                 |                |
| <b>Image</b>                 |  |                 |                 |                |
| Video Compression            | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG     |                 |                 |                |
| H.264 Compression Standard   | Baseline Profile/Main Profile/High Profile   |                 |                 |                |
| Resolution                   | 4MP (2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, CIF, 480×240, VGA(640×480)   |                 |                 |                |
| Main Stream                  | 4MP/2K/3MP/1080P / 720P(60Hz: 1~30fps; 50Hz: 1~25fps)<br>HFR mode: 1080P / 720P(60Hz: 1~60fps; 50Hz: 1~50fps)  |                 |                 |                |
| Sub Stream                   | 720P/D1/CIF/VGA (60Hz: 1~30fps; 50Hz: 1~25fps)   |                 |                 |                |
| Third Stream                 | D1/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)  |                 |                 |                |
| Bit Rate                     | 64 Kbps ~ 8 Mbps   |                 |                 |                |
| Bit Rate Type                | VBR / CBR  |                 |                 |                |
| Audio Compression            | G711A / U  |                 |                 |                |
| Image Settings               | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser        |                 |                 |                |
| ROI                          | Each ROI to be configured separately   |                 |                 |                |
| <b>Intelligent Analytics</b> |  |                 |                 |                |
| Smart Event                  | Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection                            |                 |                 |                |
| Statistics                   | Target counting by line/area, heat map   |                 |                 |                |
| Exception Detection          | Scene change, video blur and abnormal color detection, audio exception   |                 |                 |                |
| Face Detection               | Face detection and face capture  |                 |                 |                |
| Video Metadata               | Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature |                 |                 |                |
| <b>DORI Distance</b>         |  |                 |                 |                |
| Lens                         | Detect   | Observe         | Recognize       | Identify       |
| 2.8mm                        | 60.69m(199.11ft)   | 24.28m(79.65ft) | 12.14m(39.82ft) | 6.07m(19.91ft) |
| 3.6mm                        | 75.24m(246.82ft)   | 30.10m(98.75ft) | 15.05m(49.37ft) | 7.52m(24.67ft) |
| <b>Interfaces</b>            |  |                 |                 |                |
| Network                      | RJ 45 10M/100M self-adaptive Ethernet port   |                 |                 |                |
| Video Output                 | No   |                 |                 |                |
| Audio                        | 1CH audio input; 1CH built-in MIC  |                 |                 |                |
| Storage                      | Built-in micro SD card slot; up to 256GB   |                 |                 |                |
| Reset                        | Yes  |                 |                 |                |
| Alarm                        | No   |                 |                 |                |
| <b>Functions</b>             |  |                 |                 |                |
| Remote Monitoring            | Web Browser/TVT NVMS2.0/NVR/mobile APP   |                 |                 |                |
| Web Browser                  | IE 11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+  |                 |                 |                |
| Online Connection            | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission   |                 |                 |                |

|                          |   |
|--------------------------|---|
| Network Protocol         | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS  |
| Interface Protocol       | ONVIF(profile S, G, T, M)   |
| Storage                  | Network remote storage; micro SD card storage   |
| Smart Alarm              | Motion detection, SD card error, SD card full, IP address conflict, cable disconnection   |
| General Function         | Watermark, video mask, heartbeat, image distortion correction, corridor pattern   |
| Security                 | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP |
| PoE                      | Yes, IEEE802.3af  |
| IR Distance              | 20~30 m   |
| Ingress Protection       | IP67  |
| <b>Others</b>            |   |
| Power Supply             | DC12V/PoE   |
| Power Consumption        | < 6.5W  |
| Storage Conditions       | - 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)  |
| Operating Conditions     | - 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)  |
| Dimensions ( mm )        | Φ 94.6 × 82.8   |
| Weight ( net )           | Approx. 0.46KG  |
| Installation             | Ceiling mounting; Wall mounting   |
| Certificate              | CE, FCC   |
| Environmental Protection | Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)  |

### DIMENSIONS



### AVAILABLE ACCESSORIES



### AVAILABLE MODEL

|                 |                      |
|-----------------|----------------------|
| Available Model | TD-9544E3B(D/PE/AR2) |
|-----------------|----------------------|