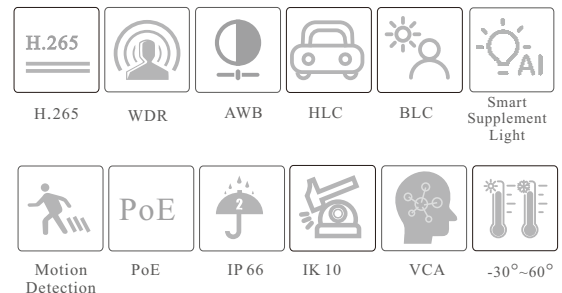


TD-9443E4H-PA

4MP Dual-illumination Bullet Network Camera



- H.265S/ H.265+/H.265/H.264S/H.264 +/H.264 coding
- Max. resolution: 2688 × 1520
- 40~ 50m white light view distance; 50~70 IR view distance
- Support smart supplement light
- ICR auto switch, true day / night vision
- 3D DNR, WDR, HLC, BLC, Smart IR and ROI coding
- Support electronic image stabilization
- Built-in micro SD card slot; up to 1TB
- AC24V/DC12V/PoE power supply
- IP 66 & IK 10 ingress protection
- Support five streams
- Support P2P function
- Support SMD
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import
- Dual system backup



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For more information, please visit our website

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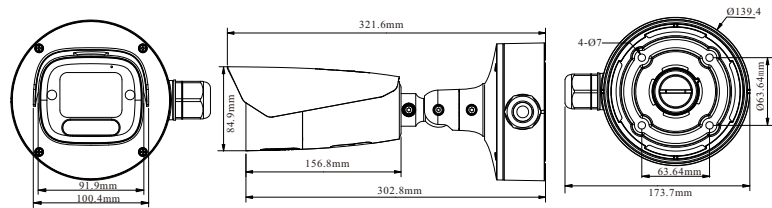
E-mail: overseas@tvt.net.cn

SPECIFICATIONS

| Specifications | Model | TD-9443E4H-PA | | |
|------------------------------|---|---------------|-----------|-----------|
| Camera | | | | |
| Image Sensor | 1 / 1.79" CMOS | | | |
| Max. Resolution | 2688 × 1520 | | | |
| Electronic Shutter | 1 / 3s ~ 1 / 100000s | | | |
| Iris Type | DC Iris | | | |
| Min. Illumination | 0.0005lux @F1.3, AGC ON; 0 lux with illumination on | | | |
| S/N Ratio | ≥50dB | | | |
| Lens | 2.7~13.5mm@F1.3 | | | |
| Field of View | Horizontal: 109.5°~58.5°; Vertical: 58°~27.5°; Diagonal: 130.5°~57° | | | |
| Focus | Motorized | | | |
| Lens Mount | Φ14 | | | |
| Wide Dynamic Range | 140dB | | | |
| BLC | Yes | | | |
| HLC | Yes | | | |
| Defog | Yes | | | |
| Digital NR | 3D DNR | | | |
| EIS | Yes | | | |
| Angle Adjustment | Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360° | | | |
| Image | | | | |
| Video Compression | Main stream: H.265S/ H.265+/ H.265/ H.264S / H.264+ / H.264 Sub/Third stream: H.265+/ H.265 / H.264+ / H.264/ MJPEG Fourth/Fifth stream: H.265 / H.264/ MJPEG | | | |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile | | | |
| Resolution | 4MP (2688×1520), 2K (2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240 | | | |
| Main Stream | 4MP/2K/1080P (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Sub Stream | 1080P/720P/D1/640×360 (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Third Stream | 720P/D1/640×360/VGA/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Fourth Stream | 1080P/720P/D1/640×360 (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Fifth Stream | D1/VGA/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Bit Rate | 32 Kbps ~ 8 Mbps | | | |
| Bit Rate Type | VBR / CBR | | | |
| Audio Compression | G711A / U | | | |
| Image Settings | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, Flip vertically/horizontally, etc. adjustable through client software or web browser | | | |
| ROI | 8 ROI, each ROI to be configured separately | | | |
| Interfaces | | | | |
| Network | RJ 45 10M/100M Base-T | | | |
| Video Output | CVBS (BNC×1) | | | |
| Audio | 1CH audio input; 1CH audio output; 1CH built-in microphone; 1CH built-in speaker | | | |
| Storage | Built-in micro SD card slot; up to 1TB | | | |
| Reset | Yes | | | |
| RS 485 | Yes | | | |
| Alarm | 1CH alarm input; 1CH alarm output | | | |
| Intelligent Analytics | | | | |
| Smart Event | Line crossing/ region intrusion/entrance/exiting (human/vehicle classification), 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, 4 motor vehicle features and 1 non-motor vehicle feature | | | |
| DORI Distance | | | | |
| Lens | Detect | Observe | Recognize | Identify |
| 2.7~13.5mm(W) | 54m(178ft) | 22m(71ft) | 11m(36ft) | 5m(18ft) |
| 2.7~13.5mm(T) | 122m(400ft) | 49m(160ft) | 24m(80ft) | 12m(40ft) |
| Functions | | | | |
| Remote Monitoring | Web Client/TVT NVR/NVMS/mobile APP | | | |
| Web Browser | Chrome 92.0+/Edge 92.0+/Firefox 91.0+/Safari 13.1+ | | | |

| | |
|--------------------------|---|
| Online Connection | Support simultaneous monitoring for up to 20 users; Support multi-stream real time transmission |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS |
| Interface Protocol | ONVIF |
| Storage | Network remote storage; micro SD card storage |
| Smart Alarm | Motion detection, SMD, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, light alarm, audio alarm |
| General Function | Watermark, video mask, heartbeat, image distortion correction, smart IR, smart supplement light, corridor pattern, ANR, cloud upgrade, disarming |
| Security | Firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP |
| PoE | Yes, IEEE802.3at |
| Supplement Light Range | IR range: 50 ~ 70 m; white light range: 40 ~ 50 m |
| Ingress Protection | IP 66& IK10 |
| Others | |
| Power Supply | AC24V/DC12V/PoE power supply |
| Power Output | Support DC12V@100mA power output |
| Power Consumption | DC12V: <16.5W; PoE: <14.5W; AC24V: <14W |
| 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) | 321.6×139.4×173.7 |
| Weight (net) | Approx. 1.77KG |
| Installation | Ceiling mounting; Wall mounting |
| Certificate | CE |
| 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-9443E4H-PA(D/AZ/PE/AW5) | Motorized lens |
|-----------------|----------------------------|----------------|