TVT

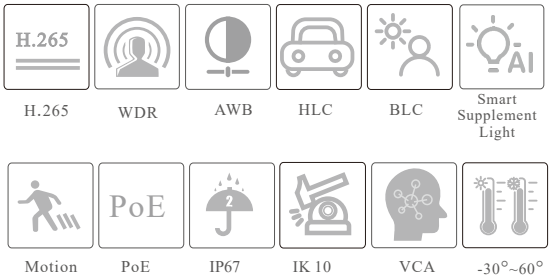
Secure The World With You

# 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, HWDR, 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 67& IK 10 ingress protection
- Support five streams
- Support NAT 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




RoHS CE PoE ONVIF

en.tvt.net.cn

For more information, please visit our website

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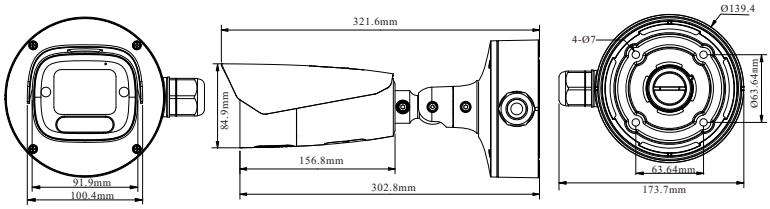
## SPECIFICATIONS

| Specifications \ Model | TD-9443E4H-PA |
|---|---|
| **Camera** | |
| Image Sensor | 1 / 1.79 "CMOS |
| Max. Resolution | 2688 × 1520 |
| Electronic Shutter | 1 / 3s ~ 1 / 100000 s |
| 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: 115° ~ 48.5°; Vertical: 58° ~ 27.5°; Diagonal: 135.5° ~ 56° |
| 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<br>Sub/Third stream: H.265+/ H.265 / H.264+ / H.264/ MJPEG<br>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/VGA/640×360/480×240/CIF (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 ~ 10Mbps |
| 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, people gathering, heat map |
| 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 |

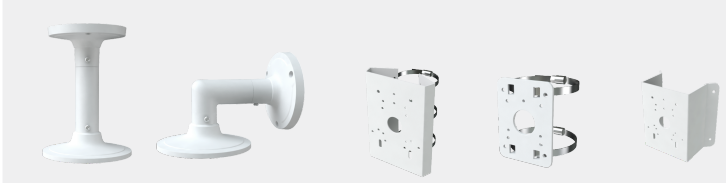
| **DORI Distance** | | | | |
|---|---|---|---|---|
| Lens | Detect | Observe | Recognize | Identify |
| 2.7~13.5mm(W) | 54m(178ft) | 22m(71ft) | 11m(36ft) | 5m(18ft) |
| 2.7~13.5mm(T) | 122m(400ft) | 49m(160ft) | 24m(80ft) | 12m(40ft) |

| | |
|---|---|
| **Functions** | |
| Remote Monitoring | Web Client/TVT NVR/NVMS/mobile APP |
| Web Browser | Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+ |
| Online Connection | Support simultaneous monitoring for up to 20 users;<br>Support multi-stream real time transmission |
| Network Protocol | UDP, TCP, IPv4, IPv6, DHCP, DNS, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS, ICMP, IGMP, ARP |
| Interface Protocol | ONVIF |
| API & SDK | Yes |
| 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/API |
| PoE | Yes , IEEE802.3at |
| Supplement Light Range | IR range: 50 ~ 70 m; white light range:40 ~ 50 m |
| Ingress Protection | IP 67& 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 |
| Material | Aluminum alloy body |
| 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



TD-YZJ0811 TD-YZJ0407 TD-YZJ0501 TD-YZJ0502 TD-YZJ0601

## AVAILABLE MODEL

| Available Model | TD-9443E4H-PA(D/AZ/PE/AW5) | Motorized lens |
|---|---|---|



*All pictures and specifications are for reference only and are subject to change without prior notice.