TVT

Secure The World With You

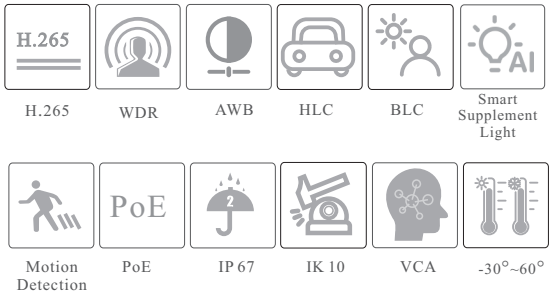
TD-9443E4B-A

4MP Dual-illumination Bullet Network Camera

Light Explorer Expert



- H.265+/H.265/H.264 +/H.264/MJPEG coding
- Max. resolution: 2688 × 1520
- 30~ 40m white light view distance
- Up to 100m IR light view distance
- Support smart supplement light
- Support AI ISP
- ICR auto switch, true day / night vision
- 3D DNR, HWDR, HLC, BLC, Smart IR and ROI coding
- Built-in micro SD card slot; up to 512G
- DC12V/PoE power supply
- IP 67& IK10 ingress protection
- Support four streams
- Support NAT function
- Support SMD
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Multiple smart events can be enabled at the same time
- Dual system backup



en.tvt.net.cn

For more information, please visit our website

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4MP Dual-illumination Bullet Network Camera

SPECIFICATIONS

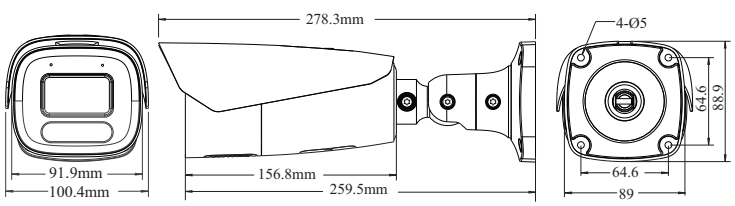
Specifications \ Model	TD-9443E4B-A		
Camera			
Image Sensor	1 / 2.7 "CMOS		
Max. Resolution	2688 × 1520		
Electronic Shutter	1 / 3s ~ 1 / 100000 s		
Iris Type	DC Iris		
Min. Illumination	0.005 lux @F1.3, AGC ON; 0 lux with illumination on 0.008 lux @F1.6, AGC ON; 0 lux with illumination on		
S/N Ratio	⩾50dB		
Lens	2.7~13. 5mm@F1.3	7~22mm@F1. 6	5~50mm@F1. 6
Field of View	H:101°~30°; V: 54°~17°; D:121°~35°	H:42°~17°; V: 25°~10°; D:50°~20°	H:49°~9°; V: 27°~5°; D:56°~10°
Focus	Motorized		
Lens Mount	Ø14		
Wide Dynamic Range	120dB		
BLC	Yes		
HLC	Yes		
Defog	Yes		
Digital NR	3D DNR		
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°		
Image			
Video Compression	Main/Fourth stream: H.265+/H.265/H.264+/H.264 Sub/Third stream: H.265+/H.265/H.264+/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/CIF/480×240(60Hz:1~30fps; 50Hz:1~25fps)		
Third Stream	D1/VGA/640 ×360/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)		
Fourth Stream	1080P/720P/D1/VGA/640 ×360(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, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser		
ROI	8 ROI, each ROI to be configured separately		
Interfaces			
Network	RJ 45 (10/100 Base-T)		
Video Output	CVBS (BNC×1)		
Audio	1CH audio input; 1CH audio output; 2CH built-in microphones		
Storage	Built-in micro SD card slot; up to 512G		
Reset	Yes		
Alarm	1CH alarm input; 1CH alarm output		
Intelligent Analytics			
Intelligent Video Detection (IVD)	Line crossing/ region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, people gathering 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

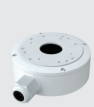
Lens	Detect	Observe	Recognize	Identify
2.7~13.5mm(W)	60m(196ft)	24m(78ft)	12m(39ft)	6m(20ft)
2.7~13.5mm(T)	203m(667ft)	81m(267ft)	41m(133ft)	20m(67ft)
7~22mm(W)	137m(450ft)	55m(180ft)	27m(90ft)	14m(45ft)
7~22mm(T)	347m(1140ft)	139m(456ft)	69m(228ft)	35m(114ft)
5~50mm(W)	127m(415ft)	51m(166ft)	25m(83ft)	13m(42ft)
5~50mm(T)	696m(2284ft)	279m(914ft)	139m(456ft)	70m(228ft)

Functions			
Remote Monitoring	Web Client/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 10 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, NAT, QoS, ICMP, IGMP		
Interface Protocol	ONVIF Profile S/G/M/T		
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, audio alarm		
General Function	Watermark, video mask, heartbeat, smart IR, smart supplement light, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming		
Security	Firmware encryption, HTTPS encryption, configuration encryption, video encryption, illegal login lock, IP address filtering, 802.1x, log out after timeout basic and digest authentication for HTTP/RTSP/API service, TLS1.1/1.2/1.3		
PoE	Yes , IEEE802.3af, class3		
Supplement Light Range	IR range: 50 ~ 70 m	IR range: 70 ~ 100 m	IR range: 70 ~ 100 m
	White light range: 30 ~ 40 m		
Ingress Protection	IP 67& IK10		
Anti-Corrosion Protection	NEMA 4X		
Others			
Power Supply	DC12V/PoE		
Power Consumption	DC12V: <10.7W; PoE: ≤12W		
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)	278.3 × 100.4 × 88.9		
Weight (net)	Approx. 1.21KG		
Material	Aluminum alloy body		
Installation	Ceiling mounting; Wall mounting		
Certificate	CE, FCC		
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)		

DIMENSIONS



AVAILABLE ACCESSORIES


TD-YXH0302


TD-YXH0302+
TD-YZJ0501


TD-YXH0302+
TD-YZJ0601


TD-YXH0302+
TD-YZJ0811

AVAILABLE MODEL

Available Model	TD-9443E4B-A(D/AZ/PE/AW5)	2.7~13. 5mm lens
	TD-9443E4B-A(D/AZ/PE/AW7)	7~22mm lens
	TD-9443E4B-A(D/AZ/PE/AW7)	5~50mm lens

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