TVT

Secure The World With You

TD-9545E4B-A

4MP Dual-illumination Turret 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; 30~50 IR 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 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

H.265 | WDR | AWB | HLC | BLC | Smart Supplement Light

Motion Detection | PoE | IP67 | VCA | -30°~60°

en.tvt.net.cn

For more information, please visit our website

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TVT TD-9545E4B-A

4MP Dual-illumination Turret Network Camera

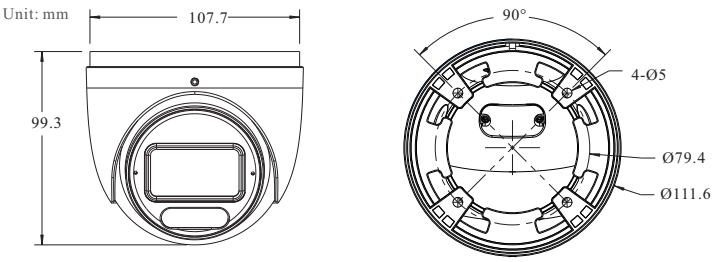
SPECIFICATIONS

Model / Specifications	TD-9545E4B-A	
Camera		
Image Sensor	1 / 2.7"CMOS	
Max. Resolution	2688 × 1520	
Electronic Shutter	1 / 3s ~ 1 / 100000 s	
Iris Type	Fixed Iris	DC Iris
Min. Illumination	0.008 lux @F1.6, AGC ON; 0 lux with illumination on	0.005 lux @F1.3, AGC ON; 0 lux with illumination on
S/N Ratio	⩾50dB	
Lens	2.8 mm@F1.6, H.FoV: 100°; V.FoV: 55°; D.FoV:120° 3.6 mm@F1.6, H.FoV: 85°; V.FoV: 43°; D.FoV:100°	2.7~12mm@F1.3, H.FoV: 101°~30°; V.FoV: 54°~17°; D.FoV: 121°~35°
Focus	Fixed	Motorized
Lens Mount	M12	Ø14
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°; 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	No	
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
2.8mm	58m(192ft)	23m(77ft)	12m(38ft)	6m(19ft)
3.6mm	77m(253ft)	31m(101ft)	15m(51ft)	8m(25ft)
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)

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, corridor pattern, image distortion correction, 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: 30 ~ 50 m; white light range: 30 ~ 40 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: < 8.9W; PoE: < 9.7W
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)	Ø111.6 × 99.3
Weight (net)	Approx. 0.64KG
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

AVAILABLE MODEL

Available Model	TD-9545E4B-A(D/AZ/PE/AW3), motorized lens
	TD-9545E4B-A(D/PE/AW3), fixed lens

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