

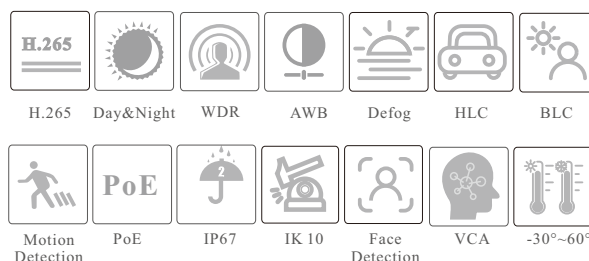
CAMERA

TD-9583E3B-A

8MP HD AI Dome Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max.resolution: 8MP (3840 × 2160)
- ICR auto switch, true day / night vision
- 3D DNR, HWDR, HLC, BLC and ROI coding
- Support electronic image stabilization
- 30~50m IR night view distance; Motorized zoom lens
- 1CH audio input; 1CH audio output; 1CH built-in MIC
- 1CH alarm input; 1CH alarm output; 1CH CVBS video output
- Built-in micro SD card slot, up to 512GB
- DC12V/PoE power supply
- Support three streams
- IP 67&IK10
- Support mobile surveillance by smart phones with iOS and Android OS
- Support SMD
- Support NAT function
- Multiple smart events can be enabled at the same time
- Dual-system backup



en.tvt.net.cn

For more information, please visit our website

Shenzhen TVT DIGITAL TECHNOLOGY CO., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay
Eco-Technology Park, Nanshan District, Shenzhen, Guangdong
Province, P.R.China

Tel: +86-755-36995888

Web site: <http://en.tvt.net.cn>

Fax: +86-755-33104777

E-mail: overseas@tvt.net.cn

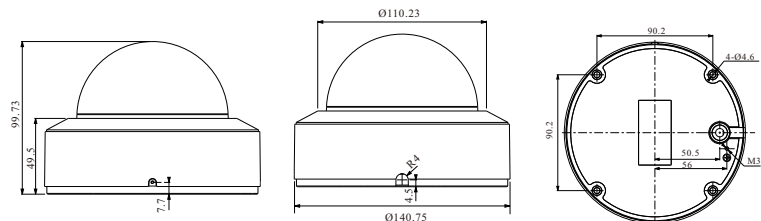
SPECIFICATIONS

Model	TD-9583E3B-A			
Specifications				
Camera				
Image Sensor	1 / 2.8" CMOS			
Image Size	3840×2160			
Electronic Shutter	1 / 3 s ~ 1 / 100000 s			
Iris Type	DC Iris			
Min. Illumination	0.015 lux@F1.4, AGC ON; 0 lux with IR			
Lens	2.8~12mm@F1.4, motorized			
Field of View	Horizontal: 102°~32°; Vertical: 54°~17°; Diagonal: 120°~37°			
Lens Mount	Φ14			
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
S/N Ratio	≥50dB			
Digital NR	3D DNR			
EIS	Yes			
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°			
Image				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P(1920×1080), 720P(1280×720), VGA(640×480), 640×360, 480×240, D1, CIF			
Main Stream	8MP/6MP/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(1~15fps)/D1/640×360/VGA/CIF/480×240(60Hz: 1~30fps; 50Hz: 1~25fps)			
Bit Rate	64 Kbps ~ 12Mbps			
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			
Interfaces				
Network	RJ 45 (10/100 Base-T)			
Video Output	CVBS output (BNC×1)			
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC			
Storage	Built-in micro SD card slot; up to 512GB			
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			
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
2.8~12mm(W)	85m(278ft)	34m(111ft)	17m(56ft)	8m(26ft)
2.8~12mm(T)	289m(948ft)	116m(380ft)	58m(190ft)	29m(95ft)
Functions				
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS
Interface Protocol	ONVIF
API & SDK	Yes
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming
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/API
PoE	Yes, IEEE802.3af
IR Distance	30~50m
Ingress Protection	IP 67&IK 10
Others	
Power Supply	DC12V/PoE
Power Consumption	PoE: max. 10.3W; DC12V: max. 8.4W
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)	Ø 141 × 100
Weight (net)	Approx. 0.89KG
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

Unit: mm



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9583E3B-A(D/AZ/PE/AR3)	Motorized zoom lens
-----------------	---------------------------	---------------------