TVT

Secure The World With You

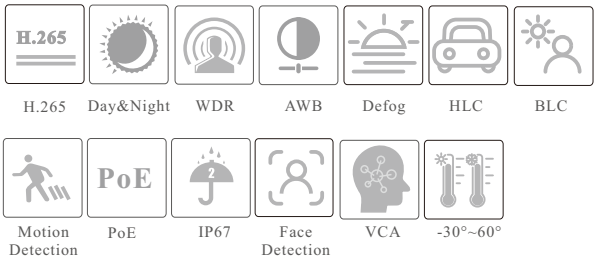
CAMERA

TD-9581E3B-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
- 20~30m IR night view distance
- 1CH audio input; 1CH built-in MIC
- 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
- Multiple smart events can be enabled at the same time
- Support NAT function
- Support dual-system backup



RoHS CE FC PoE ONVIF

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

Fax: +86-755-33104777

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

E-mail: overseas@tvt.net.cn

TD-9581E3B-A

8MP AI DomeNetwork Camera

SPECIFICATIONS

Model / Specifications	TD-9581E3B-A
Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	3840×2160
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.02 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV:104°;Vertical FoV:55°;Diagonal FoV:125°
Focus	Fixed
Lens Mount	M12
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°~355°, Tilt : 0°~70°, Rotation : 0°~180°
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	No
Audio	1CH audio input ; 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

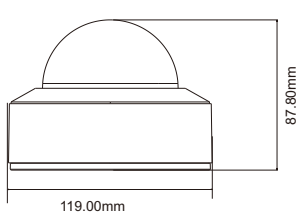
DORI Distance

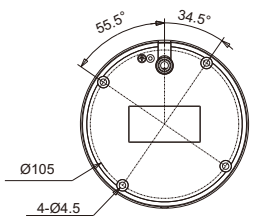
Lens	Detect	Observe	Recognize	Identify
2.8mm	83m(272ft)	33m(108ft)	17m(56ft)	8m(26ft)

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
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	20~30m
Ingress Protection	IP 67&IK10
Others	
Power Supply	DC12V/PoE
Power Consumption	PoE: max. 8.8W; DC12V: max. 5.9W
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 119 × 87.8
Weight (net)	Approx. 0.64KG
Installation	Ceiling mounting; Wall mounting
Material	Aluminum alloy body
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)

DIMENSIONS





AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9581E3B-A(D/PE/AR2)

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