TVT

Secure The World With You

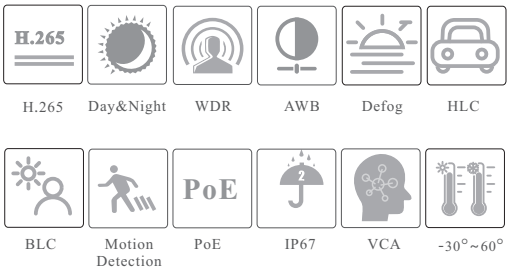
CAMERA

TD-9422E3B-A

2MP IR Starlight Bullet Network Camera



- 2MP (1920 × 1080)
- H.265+/H.265/H.264+/H.264/MJPEG coding
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- Starlight
- Fixed or motorized zoom lens optional
- 3D DNR, HWDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support corridor mode
- Support electronic image stabilization
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67ingress protection
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Support SMD
- Support NAT function
- Intelligent analytics
- Dual-system backup



RoHS CE FC PoE ONVIF

en.tvt.net.cn

For more information, please visit our website

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TVT TD-9422E3B-A

2MP IR Starlight Bullet Network Camera

SPECIFICATIONS

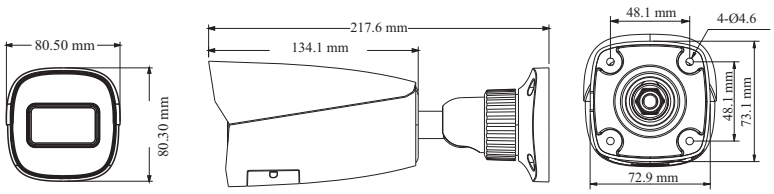
Specifications \ Model	TD-9422E3B-A	
Camera		
Image Sensor	1 / 2.8" CMOS	
Image Size	1920 × 1080	
Electronic Shutter	1 / 3 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	DC Iris
Min. Illumination	0.005 lux@F1.6,AGC ON; 0 lux with IR; 0.003 lux@F1.3, AGC ON; 0 lux with IR	
Lens	2.8 mm@F1.6, H.FoV: 103°; V.FoV: 55°; D.FoV:125° 3.6 mm@F1.6, H.FoV: 97°; V.FoV: 45°; D.FoV: 105°	2.8~12mm@F1.3, H.FoV: 105°~30° ; V. FoV: 55°~16° ; D.Fov: 123°~35°
Focus	Fixed	Motorized
Lens Mount	M12	Ø14
Day& Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
S/N Ratio	⩾50dB	
EIS	Yes	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	
Image		
Video Compression	Main 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	1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), 640×360, 480×240, CIF	
Main Stream	1080P/720P (60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)	
Sub Stream	1080P (60Hz:1 ~ 15fps; 50Hz: 1 ~ 12fps) 720P/D1/VGA/640×360/480×240/CIF (60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)	
Third Stream	D1/VGA/640×360/CIF/480×240 (60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)	
Bit Rate	64 Kbps ~ 8 Mbps	
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	RJ45 (10/100 Base-T)	
Video Output	No	
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC	
Storage	Built-in micro SD card slot; up to 256GB	
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	
Target Counting	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	42m(137ft)	17m(56ft)	8m(26ft)	4m(13ft)
3.6mm	52m(171ft)	21m(69ft)	10m(33ft)	5m(16ft)
2.8~12mm(W)	42m(138ft)	17m(56ft)	8m(26ft)	4m(13ft)
2.8~12mm(T)	154m(505ft)	62m(203ft)	31m(102ft)	15m(49ft)

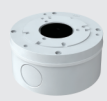
Functions		
Remote Monitoring	Web Browser/NVMS/NVR/mobile APP	
Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	TCP, UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, NAT, QoS, ICMP, IGMP	
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, disarming, ANR, cloud upgrade	
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 ~ 50 m	
Ingress Protection	IP67	
Others		
Power Supply	DC12V/PoE	
Power Consumption	< 9.5W	
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)	217.6 × 80.5 × 80.3	
Weight (net)	Approx. 0.67KG	
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)	

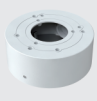
DIMENSIONS



AVAILABLE ACCESSORIES


TD-YXH0301


TD-YXH0103


TD-YXH0104


TD-YXH0304


TD-YXH0301+ TD-YZJ0501


TD-YXH0301+ TD-YZJ0601


TD-YXH0301+ TD-YZJ0810

AVAILABLE MODEL

Available Model	TD-9422E3B-A(D/PE/AR3)	Fixed lens
	TD-9422E3B-A(D/AZ/PE/AR3)	Motorized zoom lens

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