

CAMERA

TD-9422E3B-A

2MP IR Starlight Bullet Network Camera



- 2MP (1920 × 1080) @30fps
- 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, true WDR, 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
- IP67 ingress protection
- Support three streams
- Support mobile surveillance by smart phones & tablet PCs with iOS and Android OS
- Support SMD
- Support P2P function
- Intelligent analytics
- Dual-system backup



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For more information, please visit our website

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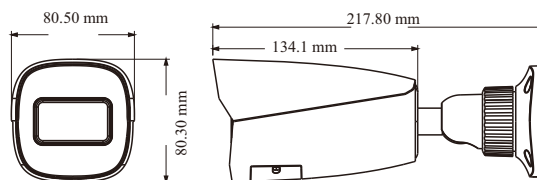
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SPECIFICATIONS

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°		2.8~12mm@F1.3, H.FoV: 105°~30°; V.FoV: 55°~16°; D.Fov: 123°~35°		
	3.6 mm@F1.6, H.FoV: 97°; V.FoV: 45°; D.FoV: 105°				
Focus	Fixed		Motorized		
Lens Mount	M12		Φ14		
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	720P/D1/VGA/640×360/480×240/CIF(60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)				
Third Stream	D1/CIF/480×240(60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)				
Bit Rate	64 Kbps ~ 6 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	RJ 45 10M/100M self-adaptive Ethernet port				
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					
Smart Event	Line crossing, region intrusion/entrance/exiting, 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/TVT NVMS2.0/NVR/mobile APP				
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+				
Online Connection	Support simultaneous monitoring for up to 8 users; Support multi-stream real time transmission				

Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, P2P, QoS	
Interface Protocol	ONVIF	
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	
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	
PoE	Yes, IEEE802.3af	
IR Distance	30 ~ 50 m	
Ingress Protection	IP67	
Others		
Power Supply	DC 12V/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)	217.8 × 80.5 × 80.3	
Weight (net)	Approx. 0.67KG	
Installation	Ceiling mounting; Wall mounting	
Certificate	CE, FCC	
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)	

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

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