

CAMERA

TD-9452E3A

5MP Network IR Water-Proof Bullet Camera



- H.265S/H.265+/H.265/H.264S/H.254+/H.254/MJPEG coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- 1CH audio input
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- P2P function optional
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



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For more information, please visit our website

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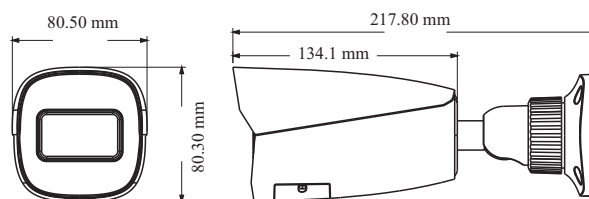
SPECIFICATIONS

Specifications	Model	TD-9452E3A
Camera		
Image Sensor	1 / 2.7 "CMOS	
Image Size	2592 × 1944	
Electronic Shutter	1 / 30 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	DC Iris
Min. Illumination	0.009 lux@F1.6,AGC ON; 0 lux with IR 0.007lux@F1.4,AGC ON; 0 lux with IR	
Lens	2.8 mm@F1.6, H.FoV: 98.5°; V.FoV: 82.1°; D.FoV:110.9°; 3.6 mm@F1.6, H.FoV: 81.4°; V.FoV: 65.7°; D.FoV:94.2°	2.8~12mm@F1.4, H.FoV: 95.1°~30°; V.Fov: 78.7°~22.8°; D.FoV: 107.6°~37.1°
Focus	Fixed	Motorized
Lens Mount	M12	Φ14
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	
Image		
Video Compression	Main stream: H.265S / H.265+ / H.265 / H.264S / H.264+ / H.264 / MJPEG 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	5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240	
Main Stream	5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)	
Sub Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)	
Third Stream	D1/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, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
Interfaces		
Network	RJ45	
Video Output	No	
Audio	1CH audio input	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	No	
Intelligent Analytics (Smart Events)		
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)	
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting	
Exception Detection	Scene change, video blur and video color cast detection	
Face Detection	Face detection and face capture	
General Intelligence	Crowd density detection, heat map, object abandoned/missing*	
Functions		
Remote Monitoring	Web browsing, CMS remote control	
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, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	

*Grey items are being developed and coming soon.

Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, non-photosensitive switch
PoE	Yes, IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9W
Operating Environment	- 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. 0.68KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9452E3A(D/PE/AR3)	Fixed lens
	TD-9452E3A(D/AZ/PE/AR3)	Motorized zoom lens