

CAMERA

# TD-9453E3A

## 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
- Up to 100m IR night view distance; motorized zoom lens
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- 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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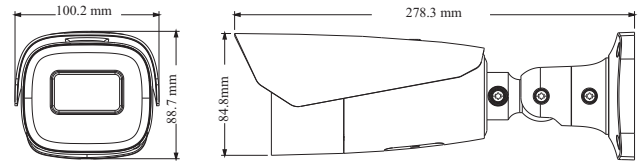
### SPECIFICATIONS

Specifications	Model	TD-9453E3A
<b>Camera</b>		
Image Sensor	1 / 2.7 "CMOS	
Image Size	2592 × 1944	
Electronic Shutter	1 / 30 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	0.009 lux@F1.6,AGC ON; 0 lux with IR 0.007 lux@F1.4,AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.4, motorized	7~22mm@F1.6, motorized
Field of View	H: 95.1°~30°; V: 78.7°~22.8°; D: 107.6°~37.1°	H: 41°~16.8°; V: 31.3°~12.7°; D: 50°~21°
Lens Mount	Ø14	
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°	
<b>Image</b>		
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	
<b>Interfaces</b>		
Network	RJ45	
Video Output	CVBS output (BNC × 1)	
Audio	1CH audio input; 1CH audio output	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	
<b>Intelligent Analytics (Smart Events)</b>		
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*	
<b>Functions</b>		
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, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, non-photosensitive switch	
PoE	Yes, IEEE802.3af	
IR Distance	50 ~ 70 m	70 ~ 100 m
Ingress Protection	IP67	
<b>Others</b>		
Power Supply	DC12V/PoE	
Power Consumption	< 12.5W	
Operating Environment	- 30 °C ~ 60 °C (-22°F ~ 140°F) Humidity: less than 95 % (non-condensing)	
Dimensions ( mm )	278.3 × 100.2 × 88.7	
Weight ( net )	Approx. 1.04KG	
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-9453E3A(D/AZ/PE/AR5)	Motorized lens (2.8~12mm)
	TD-9453E3A(D/AZ/PE/AR7)	Motorized lens (7~22mm)