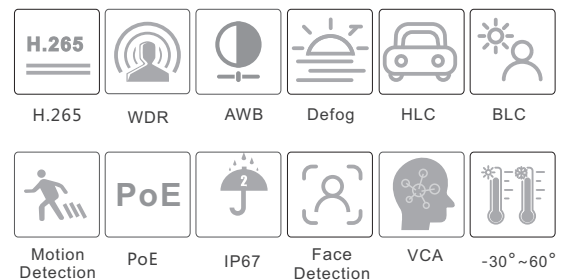


# TD-9451E2A

5MP Network IR Water-proof  
Bullet Camera



- 5MP ( 2592 × 1944 ) H.265 full real time coding
- Max.resolution: 2592 × 1944
- ICR auto switch, true day / night, ROI coding
- 3D DNR, true WDR, HLC, BLC, smart IR, defog
- 20~30m IR night view distance
- Support CVBS video output and one-way audio
- Support smart phone, iPad, remote monitoring
- DC12V/PoE power supply
- P2P function optional
- IP 67 ingress protection
- Support three streams
- Support face detection
- Smart analytics (optional): object removal detection, abnormal video signal detection, line crossing detection, region intrusion detection, people intrusion detection, people counting detection and crowd density detection



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For more information, please visit our website

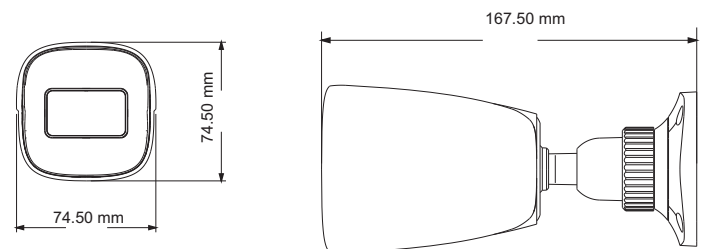
### SPECIFICATIONS

Model	TD-9451E2A
<b>Specifications</b>	
<b>Camera</b>	
Image Sensor	1 / 2.5 "CMOS
Image Size	2592×1944
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.036 lux @F2.0, AGC ON; 0 lux with IR 0.013 lux @ F1.2, AGC ON; 0 lux with IR
Lens	2.8 mm @F1.85, horizontal field of view: 101° 3.6 mm @F1.6, horizontal field of view: 79°
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°
<b>Image</b>	
Video Compression	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	60Hz : 5MP(1~30fps)/4MP(1~30fps)/ 2K(1~30fps)/ 3MP(1~30fps)/ 1080P(1~30fps)/ 720P(1~30fps) 50Hz : 5MP(1~25fps)/ 4MP ( 1~25fps ) / 2K ( 1~25fps ) / 3MP ( 1~25fps ) / 1080P ( 1~25fps ) / 720P ( 1~25fps )
Sub Stream	60Hz : 720P(1~15fps)/D1(1~30fps)/CIF (1~30fps); 50HZ:720P(1~15fps)/D1(1~25fps)/CIF (1~25fps)
Third Stream	60Hz: D1/CIF/480 × 240 (1~30fps); 50HZ: D1/CIF/480× 240 (1~25fps)
High Frame Rate Mode	Main stream: 1080P/720P(1~60fps/1~50fps)
Bit Rate	128 Kbps ~ 10 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	MIC IN × 1
Storage	No
Hardware Reset	No
<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, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTP, HTTPS, QoS
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	Network remote storage
Smart Alarm	Motion detection
Face Detection	Yes
Intelligent Analytics	Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density (optional)
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection
PoE	Yes
IR Distance	20 ~ 30 m
Ingress Protection	IP67

### Others

Power Supply	DC12V/PoE
Power Consumption	< 7W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	167.5 × 74.5 × 74.5
Weight ( net )	Approx. 0.39KG
Installation	Ceiling mounting; Wall mounting

### DIMENSIONS



### AVAILABLE ACCESSORIES



### AVAILABLE MODEL

Available Model	TD-9451E2A(D/PE/AR2)
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