

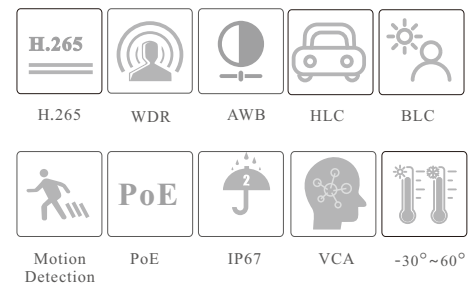
CAMERA

TD-9452S4

5MP IR Water-proof Bullet Network Camera



- H.265+ /H.265 /H.264+/H.264/MJPEG coding
- Max.resolution: 5MP (2880 × 1620)
- ICR auto switch, true day / night vision
- 3D DNR, WDR, HLC, BLC, smart IR, etc.
- ROI coding
- 30~50m IR night view distance
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- 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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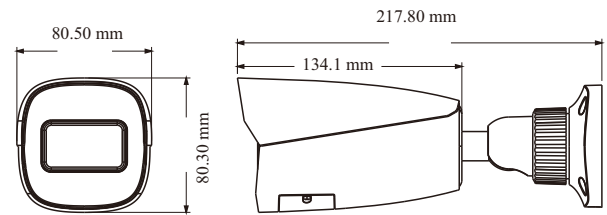
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SPECIFICATIONS

Model Specifications	TD-9452S4			
Camera				
Image Sensor	1 / 2.7 "CMOS			
Image Size	2880×1620			
Electronic Shutter	1 / 2s ~ 1 / 10000ths			
Iris Type	Fixed Iris			
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with IR			
Lens	2.8mm@F1.6, H.FoV:110.5°; V.FoV:57°; D.FoV:131°	2.8~12mm@F1.4,H.FoV: 100°~36.5°;		
	3.6mm@F1.6, H.FoV:91.5°; V.FoV: 49.5°; D.FoV:107°	V.FoV: 52°~20.5°; D.FoV: 116°~41°		
	6mm@F1.6, H.FoV:51.8°; V.FoV: 36.6°; D.FoV:65.6°			
Focus	Fixed	Motorized		
Lens Mount	M12	Ø14		
Day&Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
S/N Ratio	≥50dB			
Digital NR	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.265 Compression Standard	Main Profile@Leve4.1 High Tier			
Resolution	5MP(2880×1620), 4MP(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), 480×240, CIF			
Main Stream	5MP/4MP/3MP/1080P/720P(60Hz:1~30fps; 50Hz:1~25fps)			
Sub Stream	60Hz: 720P/D1/ CIF (1~30fps);50Hz: 720P/D1/ CIF (1~25fps)			
Third Stream	60Hz: D1/480×240/CIF (1~30fps);50Hz: D1/480×240/CIF(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			
Video Output	No			
Audio	1CH audio input; 1CH built-in MIC			
Storage	Built-in micro SD card slot, up to 256GB			
Reset	Yes			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	59m(195ft)	23m(78ft)	11m(39ft)	5m(19ft)
3.6mm	71m(233ft)	28m(93ft)	14m(46ft)	7m(23ft)
6mm	97m(321ft)	39m(128ft)	19m(62ft)	9m(32ft)
2.8~12mm(W)	67m(222ft)	27m(89ft)	13m(44ft)	6m(22ft)
2.8~12mm(T)	183m(602ft)	73m(241ft)	36m(120ft)	18m(60ft)
Functions				
Remote Monitoring	Web browser /TVT NVR/NVMS2.X/Mobile APP			
Web Browser	IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
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, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection, video exception			

Smart Event	Line crossing/region intrusion (human/vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
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
IR Distance	30 ~ 50 m
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 8.5W
Operating Environment	-30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	-30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.66KG
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-9452S4(D/PE/AR3)	Fixed lens
	TD-9452S4(D/AZ/PE/AR3)	Motorized zoom lens