

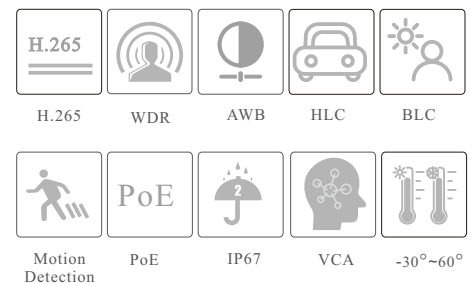
CAMERA

## TD-9451S4

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
- 20~30m 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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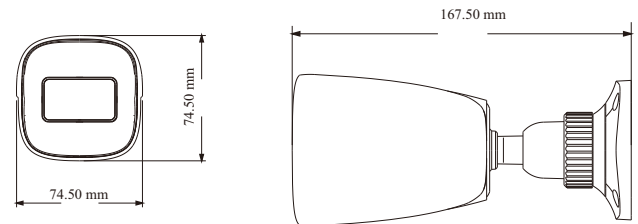
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### SPECIFICATIONS

Specifications	Model	TD-9451S4		
<b>Camera</b>				
Image Sensor		1 / 2.7 "CMOS		
Image Size		2880×1620		
Electronic Shutter		1 / 2s ~ 1 / 100000s		
Iris Type		Fixed Iris		
Min. Illumination		0.007 lux @F1.6, AGC ON; 0 lux with IR		
Lens		2.8mm@F1.6, Horizontal FoV:110.5°;Vertical FoV:57°; Diagonal FoV:131° 3.6mm@F1.6, Horizontal FoV:91.5°;Vertical FoV:49.5°; Diagonal FoV:107°		
Focus		Fixed		
Lens Mount		M12		
Day&Night		ICR		
Wide Dynamic Range		120dB		
BLC		Yes		
HLC		Yes		
Digital NR		Yes		
S/N Ratio		≥50dB		
Angle Adjustment		Pan: 0°~360°; Tilt:0°~80°;Rotation: 0°~360°		
<b>Image</b>				
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		720P/D1/VGA/CIF (60Hz:1~30fps; 50Hz:1~25fps)		
Third Stream		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		
<b>Functions</b>				
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		
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		
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		
PoE		Yes		
IR Distance		20 ~ 30 m		
Ingress Protection		IP67		
<b>DORI Distance</b>				
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)
<b>Interfaces</b>				
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
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 6W
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 )	167.5 × 74.5 × 74.5
Weight ( net )	Approx. 0.38KG
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-9451S4(D/PE/AR2)
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