

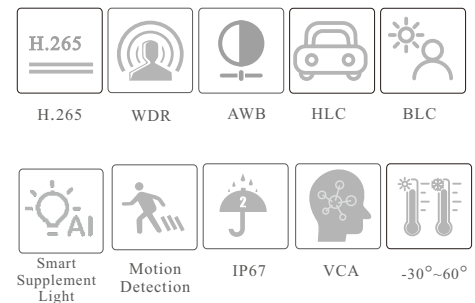
CAMERA

## TD-9451S4-C

5MP Dual Illumination Wi-Fi  
Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 5MP (2880 × 1620)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 20~30m white light view distance; 20~30m IR view distance
- DC12V power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Support P2P function
- Support Wi-Fi
- Support SMD
- Intelligent analytics



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For more information, please visit our website

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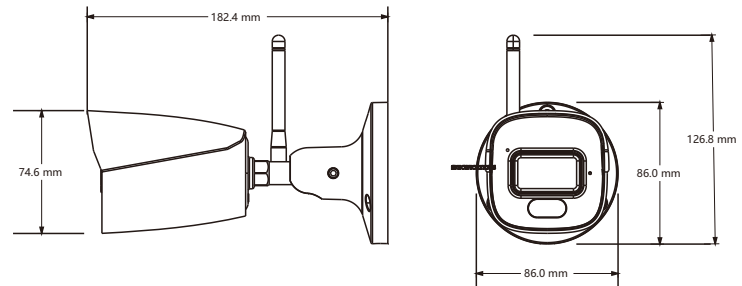
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### SPECIFICATIONS

Specifications	Model	TD-9451S4-C		
<b>Camera</b>				
Image Sensor	1 / 2.7 "CMOS			
Image Size	2880×1620			
Electronic Shutter	1 / 3s ~ 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°; Vertical FoV:61°; Diagonal FoV:131° 3.6mm@F1.6, Horizontal FoV:89°; Vertical FoV:48°; Diagonal FoV:103°			
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(2688×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), 640×360, 480×240, CIF			
Main Stream	5MP(1~20fps)/4MP/2K/3MP/1080P(60Hz:1~30fps; 50Hz:1~25fps)			
Sub Stream	720P/D1/VGA/640×360/CIF (60Hz:1~30fps; 50Hz:1~25fps)			
Third Stream	D1/VGA/640×360/480×240/CIF (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, 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	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 6 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, P2P, QoS			
Interface Protocol	ONVIF Profile S/G/M/T			
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/API service			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, white light alarm triggered by smart events			
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/missing object detection			
General Function	Watermark, video mask, heartbeat, corridor pattern, ANR, cloud upgrade, disarming, smart supplement light, dual system backup, Wi-Fi configuration by scanning QR code			
PoE	No			
Supplement Light Range	IR range: 20 ~ 30 m; white light range:20 ~ 30 m			
Ingress Protection	IP67			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8mm	55m(180ft)	22m(72ft)	11m(39ft)	5.5m(18ft)
3.6mm	73m(239ft)	29m(95ft)	14.5m(48ft)	7m(24ft)
<b>Interfaces</b>				
Network	RJ 45 10M/100M self-adaptive Ethernet port			

Indicator	Yes
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
<b>Wi-Fi</b>	
Wireless Standards	IEEE802.11a/b/g/n, IEEE802.11ac, IEEE802.11ax,
Frequency Range	2.4GHz & 5GHz
Channel Bandwidth	20MHz
Security	WEP, WPA-PSK/WPA2-PSK, WPA3
Wireless Range	200m (no obstacles)
Transfer Rates	11b: 11Mbps; 11g:54Mbps; 11n: up to 150Mbps
<b>Others</b>	
Power Supply	DC12V
Power Consumption	< 6.02W
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 )	182.4× 86× 126.8
Weight ( net )	Approx. 0.52KG
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-C(D/WF/AW2)
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