TVT

Secure The World With You

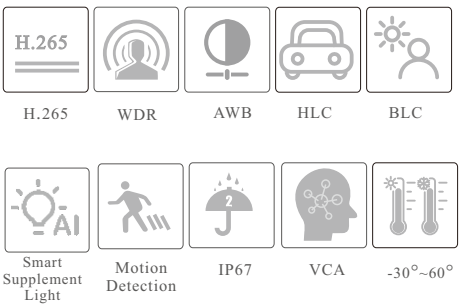
CAMERA

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



RoHS CE FC ONVIF

en.tvt.net.cn

For more information, please visit our website

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5MP Dual Illumination Wi-Fi Network Camera

SPECIFICATIONS

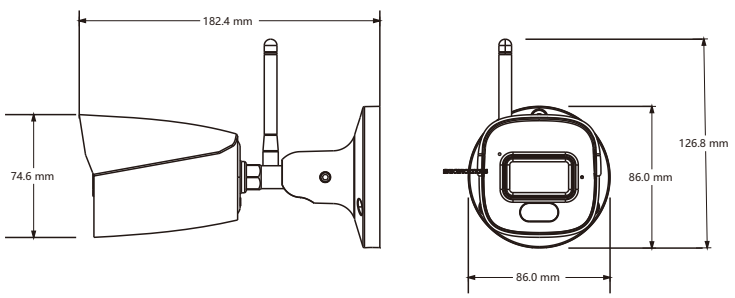
Model / Specifications	TD-9451S4-C
Camera	
Image Sensor	1 / 2.7 "CMOS
Image Size	2880×1620
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV:110°;Vertical FoV:61°; Diagonal FoV:131° 3.6mm@F1.6, Horizontal 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°
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(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
Functions	
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

DORI Distance

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)

Interfaces	
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
Wi-Fi	
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
Others	
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



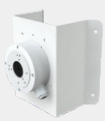
AVAILABLE ACCESSORIES


TD-YXH0301


TD-YXH0103


TD-YXH0104


TD-YXH0301+ TD-YZJ0501


TD-YXH0301+ TD-YZJ0601


TD-YXH0301+ TD-YZJ0810

AVAILABLE MODEL

Available Model	TD-9451S4-C(D/WF/AW2)

*All pictures and specifications are for reference only and are subject to change without prior notice.