TVT

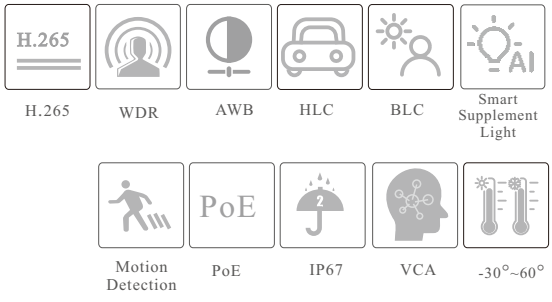
Secure The World With You

TD-9421S5A

2MP Dual Illumination Water-proof Bullet Network Camera



- H.265S /H.265+ /H.265 /H.264S /H.264+ /H.264/MJPEG coding
- Max. resolution:2MP (1920 × 1080)
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 20~30m white light view distance; 20~30m IR view distance
- DC12V/PoE 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 SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection
- Dual system backup



en.tvt.net.cn

For more information, please visit our website

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2MP Dual Illumination Bullet Network Camera

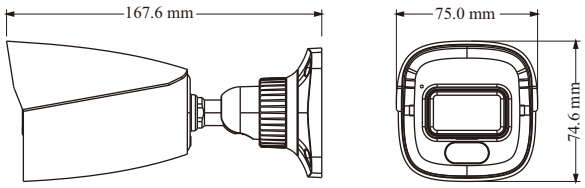
SPECIFICATIONS

Model / Specifications	TD-9421S5A
Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	1920×1080
Electronic Shutter	1/3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.008 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 109°;Vertical FoV:61°;Diagonal FoV:125° 3.6mm@F1.6, Horizontal FoV:87°;Vertical FoV:48°;Diagonal FoV:100°
Focus	Fixed
Lens Mount	M12
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.265S / H.265+ / H.265 / H.264S /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	1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640× 480), 640× 360 480× 240, CIF
Main Stream	1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	720P/D1/VGA/640× 360 /480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/640× 360 /VGA/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	32Kbps ~ 6 Mbps
Bit Rate Type	VBR / CBR
SVC	Yes
Stream Smoothing	Yes
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	8 regions; each ROI to be configured separately
Interfaces	
Network	RJ 45 (10/100 Base-T)
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 512GB
Reset	Yes
Functions	
Remote Monitoring	Web browser /NVR/NVMS/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, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
API&SDK	Yes
Storage	Network remote storage; micro SD card storage
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 (human/vehicle classification), abandoned/missing object detection
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
General Function	Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern, disarming
PoE	Yes (IEEE802.3af)
Supplement Light Range	IR range: 20 ~ 30 m; white light range:20 ~ 30 m
Ingress Protection	IP67
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP

DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	37m(120ft)	15m(48ft)	7m(24ft)	4m(12ft)
3.6mm	49m(159ft)	19m(64ft)	10m(32ft)	5m(16ft)

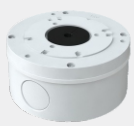
Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: max. 4.9W; PoE: max. 6.2W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	167.6 × 75 × 74.6
Weight (net)	Approx. 0.417KG
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)

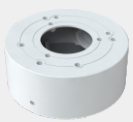
DIMENSIONS



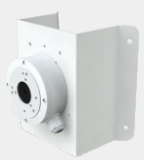
AVAILABLE ACCESSORIES


TD-YXH0301


TD-YXH0103


TD-YXH0104


TD-YXH0301+
TD-YZJ0501


TD-YXH0301+
TD-YZJ0601


TD-YXH0301+
TD-YZJ0810

AVAILABLE MODEL

Available Model	TD-9421S5A(D/PE/AW2)

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