TVT

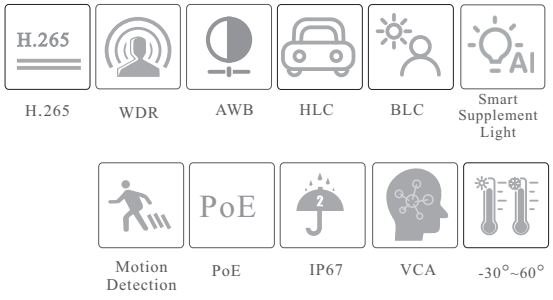
Secure The World With You

TD-9442S5

4MP Dual Illumination Water-proof Bullet Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 4MP (2688 × 1520)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, ROI coding, etc.
- Support AI ISP
- Support smart supplement light
- 30~40m white light view distance; 30~50m 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 NAT function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Dual-system backup



en.tvt.net.cn

For more information, please visit our website

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4MP Dual Illumination Bullet Network Camera

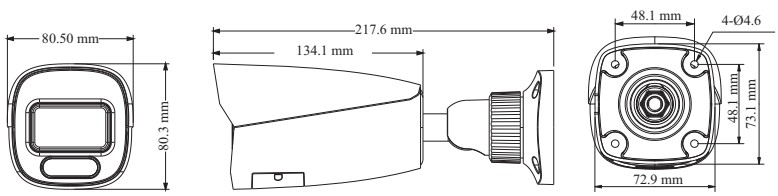
SPECIFICATIONS

Specifications \ Model	TD-9442S5	
Camera		
Image Sensor	1 / 3" CMOS	
Image Size	2688×1520	
Electronic Shutter	1/3s ~ 1 / 100000s	
Iris Type	Fixed Iris	
Min. Illumination	0.004 lux @F1.6, AGC ON; 0 lux with illumination on 0.003 lux @F1.4, AGC ON; 0 lux with illumination on	
Lens	2.8mm@F1.6, Horizontal FoV: 102°; Vertical FoV: 54°; Diagonal FoV:118°; 3.6mm@F1.6, Horizontal FoV: 84°; Vertical FoV: 43°; Diagonal FoV: 97°; 6mm@F1.6, Horizontal FoV: 52°; Vertical FoV: 27°; Diagonal FoV: 60°	2.8~12mm@F1.4,H.FoV: 98°~34°; V.FoV: 52°~18°; D.FoV: 116°~ 38°
Focus	Fixed	Motorized
Lens Mount	M12	Ø 14
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°~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	4MP (2688×1520), 2K (2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360	
Main Stream	4MP/2K/1080P (60Hz: 1~30fps; 50Hz: 1~25fps)	
Sub Stream	720P/D1/VGA/640×360 (60Hz: 1~30fps; 50Hz: 1~25fps)	
Third Stream	D1/VGA/640×360 (60Hz: 1~30fps; 50Hz: 1~25fps)	
Bit Rate	32Kbps~6Mbps	
Bit Rate Type	VBR / CBR	
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	Each ROI to be configured separately	
Interfaces		
Network	RJ45 (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 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission	
Network Protocol	TCP, UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, NAT, QoS, ICMP, IGMP	
Interface Protocol	ONVIF	
API&SDK	Yes	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, video exception	
Intelligent Video Detection (IVD)	Line crossing/region intrusion (human/vehicle classification), abandoned/missing object detection	
General Function	Watermark, IP address filtering, video mask, heartbeat, ANR, smart supplement light, corridor pattern, disarming	
PoE	Yes (IEEE802.3af)	
Supplement Light Range	IR range: 30 ~ 50 m; white light range:30 ~ 40 m	
Ingress Protection	IP67	
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	

DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	60m(196ft)	24m(78ft)	12m(39ft)	6m(20ft)
3.6mm	77m(253ft)	31m(101ft)	15m(51ft)	8m(25ft)
6mm	127m(415ft)	51m(166ft)	25m(83ft)	13m(42ft)
2.8~12mm(W)	62m(204ft)	25m(82ft)	12m(41ft)	6m(20ft)
2.8~12mm(T)	192m(630ft)	77m(252ft)	38m(126ft)	19m(63ft)

Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: < 6W; PoE: < 7.1W
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)	217.6 × 80.5 × 80.3
Weight (net)	Approx. 0.68KG
Material	Aluminum alloy body
Installation	Ceiling mounting; wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9442S5(D/PE/AW3)	Fixed lens
	TD-9442S5(D/AZ/PE/AW3)	Motorized lens

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