TVT

Secure The World With You

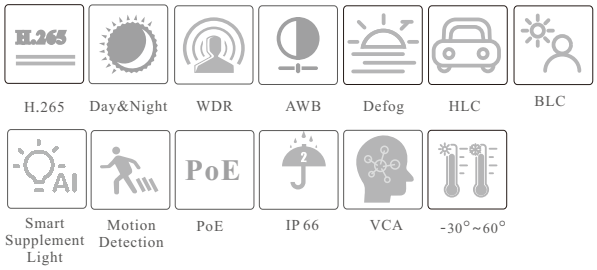
TD-9442C2-PA

4MP Dual Illumination AI Bullet Network Camera

Light Explorer



- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 2688 × 1520
- ICR auto switch, true day / night
- 30 ~ 40m IR or white light range
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH audio output
- 1CH built-in speaker; 1CH built-in microphone
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP66 ingress protection
- Support three streams
- Intelligent analytics
- Support smart supplement light
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import



en.tvt.net.cn

For more information, please visit our website

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TVT TD-9442C2-PA

4MP Dual Illumination AI Bullet Network Camera

SPECIFICATIONS

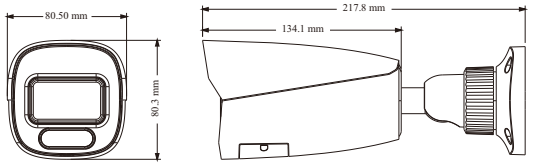
Specifications \ Model	TD-9442C2-PA	
Camera		
Image Sensor	1 / 3" CMOS	
Image Size	2688 × 1520	
Electronic Shutter	Auto/manual mode; manual mode: 1 /3 s ~ 1 / 100000 s	
Iris Type	DC Iris	Fixed Iris
Min. Illumination		
Lens	H.FoV: 96° ~32.33°; V.FoV: 53.67° ~19.63°; D.FoV: 114.17° ~36.33°	H.FoV: 79.5°; V.FoV:42°; D.FoV:95°
Focus	Motorized	Fixed
Lens Mount	Φ14	M12
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
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.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	4MP(2688×1520)/(2592×1520), 2K (2560×1440), 3MP (2304×1296),1080P (1920×1080),720P(1280×720), D1, VGA(640×480),640×360,CIF, 480×240	
Main Stream	4MP/2K/3MP/1080P/720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)	
Sub Stream	720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)	
Third Stream	720P/D1/CIF/480×240 (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 flip, image mirror, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
Interfaces		
Network	RJ 45 10M/100M self-adaptive Ethernet port	
Video Output	No	
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in microphone	
Alarm	1CH alarm input; 1CH alarm output	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Intelligent Analytics		
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection	
Statistics	Target counting by line/area, heat map	
Exception Detection	Scene change, video blur and abnormal color detection, audio exception	
Face Detection	Face detection and face capture	
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature	

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	59m(195ft)	23m(78ft)	11m(39ft)	5m(19ft)
3.6mm	79m(259ft)	31m(103ft)	15m(51ft)	7m(25ft)
2.8~12mm(W)	60m(197ft)	24m(78ft)	12m(39ft)	6m(19ft)
2.8~12mm(T)	175m(576ft)	70m(230ft)	35m(115ft)	17m(57ft)

Functions		
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/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	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, light alarm, audio alarm	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, smart supplement light, disarming	
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	
PoE	Yes , IEEE802.3af	
Supplement light Range	IR range: 30 ~ 40 m White light range: 30 ~ 40 m	
Ingress Protection	IP66	
Others		
Power Supply	DC12V/PoE	
Power Consumption	< 12W	
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)	217.8 × 80.5 × 80.3	
Weight (net)	Approx. 0.68KG	
Installation	Ceiling mounting; Wall mounting	
Certificate	CE, FCC	
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)	

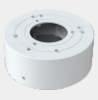
DIMENSIONS



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-9442C2-PA(D/AZ/PE/AW3)	Motorized lens
	TD-9442C2-PA(D/PE/AW3)	Fixed lens

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