

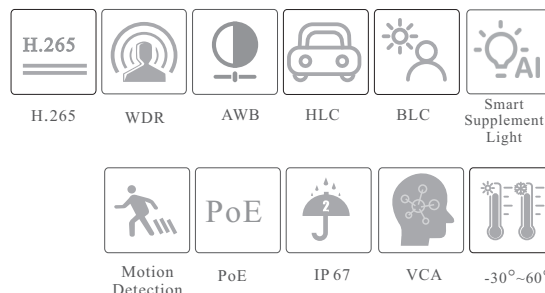
TD-9442C4-A-PA

4MP Dual-illumination Bullet Network Camera

Light
Explorer Expert



- H.265+ / H.265 / H.264 +/H.264 / MJPEG coding
- Max. resolution: 2688 × 1520
- 20~30m white light view distance; 30~50 IR view distance
- Support smart supplement light
- 3D DNR, HWDR, HLC, BLC, and ROI coding
- Support AI ISP
- Support electronic image stabilization
- Support image distortion correction
- Built-in micro SD card slot; up to 512GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Multiple smart events can be enabled at the same time
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import
- Dual system backup



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For more information, please visit our website

Shenzhen TVT DIGITAL TECHNOLOGY CO., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay
Eco-Technology Park, Nanshan District, Shenzhen, Guangdong
Province, P.R.China

Tel: +86-755-36995888

Web site: <http://en.tvt.net.cn>

Fax: +86-755-33104777

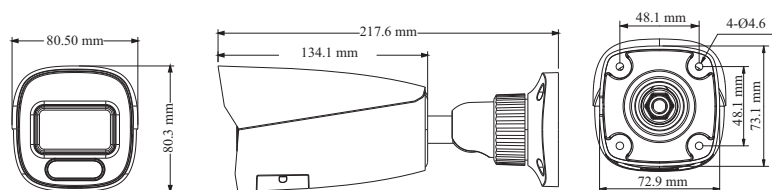
E-mail: overseas@tvt.net.cn

SPECIFICATIONS

Model	TD-9442C4-A-PA			
Specifications				
Camera				
Image Sensor	1 / 1.79 "CMOS			
Image Size	2688 × 1520			
Electronic Shutter	Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0.0001 lux @F1.0, AGC ON; 0 lux with illumination on			
S/N Ratio	≥50dB			
Lens	2.8mm@F1.0, H.FoV: 112.5° ; V. FoV: 62°; D. FoV: 132° 3.6mm@F1.0, H.FoV: 91.75° ; V. FoV: 50.25°; D. FoV: 112°			
Focus	Fixed			
Lens Mount	M12			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	3D DNR			
EIS	Yes			
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 stream/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),2K (2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240			
Main Stream	4MP/2K/1080P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)			
Sub Stream	720P/D1/640×360/VGA/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)			
Third Stream	720P/D1/640×360/VGA/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)			
Bit Rate	32 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 (10/100 Base-T)			
Video Output	No			
Audio	1CH audio input; 1CH audio output; 1CH built-in microphone; 1CH built-in speaker			
Storage	Built-in micro SD card slot; up to 512GB			
Reset	Yes			
Alarm	No			
Intelligent Analytics				
Intelligent Video Detection (IVD)	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/ missing object detection			
Statistics	Target counting by line (human/vehicle classification)			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection, face capture			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	51m(166ft)	20m(66ft)	10m(33ft)	5m(17ft)
3.6mm	65m(214ft)	26m(86ft)	13m(43ft)	7m(21ft)
Functions				
Remote Monitoring	Web Client/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 10 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS			

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, light alarm, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming, smart supplement light
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
PoE	Yes, IEEE802.3at, class4
Supplement Light Range	IR range: 30 ~ 50 m; white light range: 20 ~ 30 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: < 6.8W; PoE: < 8.1W
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	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9442C4-A-PA(PE/AW3)	Fixed lens
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