TVT

Secure The World With You

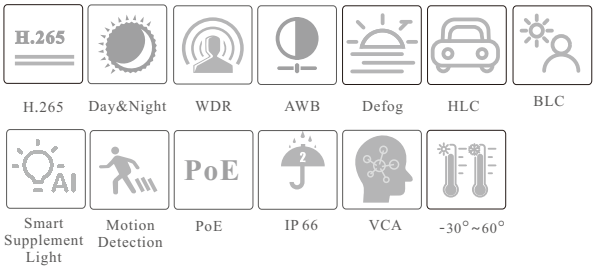
TD-9443C2-PA

4MP Dual Illumination AI Bullet Network Camera

Light Explorer



- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 2688 × 1520
- 30 ~ 50m 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
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics
- Support smart supplement light
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import



RoHS CE FC PoE ONVIF

en.tvt.net.cn

For more information, please visit our website

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TVT TD-9443C2-PA

4MP Dual Illumination AI Bullet Network Camera

SPECIFICATIONS

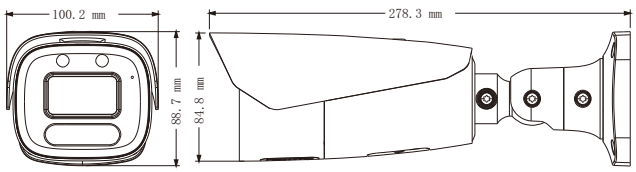
Model / Specifications	TD-9443C2-PA
Camera	
Image Sensor	1 / 3" CMOS
Image Size	2688 × 1520
Electronic Shutter	1 / 3s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.02lux@F1.4,AGC ON; 0 lux with LED
Lens	2.8~12mm@F1.4
Field of View	Horizontal: 96° ~32.33°; Vertical: 53.67°~19.63°; Diagonal: 114.17° ~36.33°
Focus	Motorized
Lens Mount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	2D/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	CVBS output (BNC × 1)
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
Functions	
Remote Monitoring	Web Client/NVR/NVMS2.0/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 connection, audio alarm, light 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 ~ 50 m White light range: 30 ~ 50 m
Protection Grade	IP66

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
2.8~12mm(W)	60m(197ft)	24m(78ft)	12m(39ft)	6.00m(19ft)
2.8~12mm(T)	175m(576ft)	70m(230ft)	35m(115ft)	17m(57ft)

Others	
Power Supply	DC12V/PoE
Power Consumption	< 12.5W
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)	278.3 × 100.2 × 88.7
Weight (net)	Approx. 1.04KG
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-YXH0302


TD-YXH0302+ TD-YZJ0501


TD-YXH0302+ TD-YZJ0601


TD-YXH0302+ TD-YZJ0811

AVAILABLE MODEL

Available Model	TD-9443C2-PA(D/AZ/PE/AW3)	Motorized lens

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