TVT

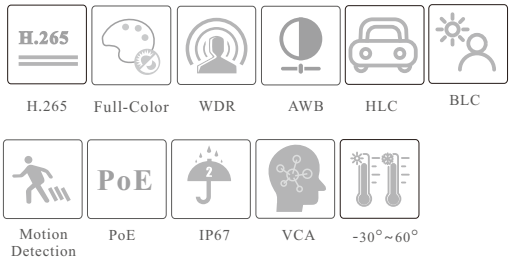
Secure The World With You

Light Explorer

TD-9442C4H

4MP Full-Color Bullet Network Camera

- H.265+ / H.265 / H.264 +/H.264 / MJPEG coding
- Max. resolution: 2688 × 1520
- 20~ 30m white light view distance
- 24/7 full color imaging
- 3D DNR, WDR, HLC, BLC, and ROI coding
- Support electronic image stabilization
- Support image distortion correction
- Support 1CH audio input; 1CH audio output; 1 CH built-in MIC
- Built-in micro SD card slot; up to 1TB
- 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
- Support P2P function
- Support dual-system backup



en.tvt.net.cn

For more information, please visit our website

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TVT TD-9442C4H

4MP Full-Color Bullet Network Camera

SPECIFICATIONS

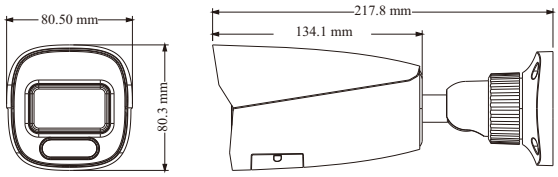
Specifications \ Model	TD-9442C4H
Camera	
Image Sensor	1 / 1.79 "CMOS
Image Size	2688 × 1520
Electronic Shutter	Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.0001 lux @F1.0, AGC ON; 0 lux with illumination on
S/N Ratio	⩾50dB
Lens	2.8 mm@F1.0, H.FoV: 112°; V.FoV:61°; D.FoV:132° 3.6 mm@F1.0, H.FoV: 96°; V.FoV: 51°; D.FoV:112°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB (the next version will support)
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	1080P/720P/D1/640 ×360 (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
Video Output	No
Audio	1CH audio input; 1CH audio output; 1CH built-in microphone
Storage	Built-in micro SD card slot; up to 1 TB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
Intelligent Analytics	
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/ missing object detection, loitering detection, illegal parking detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection
Face Detection	Face detection, face capture and face comparison
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	52m(170ft)	21m(68ft)	10m(33ft)	5m(17ft)
3.6mm	63m(207ft)	25m(82ft)	12m(40ft)	6m(20ft)

Functions	
Remote Monitoring	Web Client/TVT NVR/NVMS/mobile APP
Web Browser	Chrome 92.0+/Edge 92.0+/Firefox 91.0+/Safari 13.1+
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, HTTP POST, P2P, 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, sensor alarm, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming
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
PoE	Yes , IEEE802.3af
White Light Range	20 ~30 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 7W
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. 0.69KG
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)

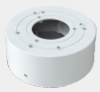
DIMENSIONS



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-9442C4H(PE/WR2)	Fixed lens

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