**Light Explorer**

TD-9544C4

4MP Full-Color Turret Network Camera

- H.265+ / H.265 / H.264 +/H.264 / MJPEG coding
- Max. resolution: 2688 × 1520
- 10~ 20m 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; 1 CH built-in MIC
- 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
- Support P2P function
- Support dual-system backup

H.265	Full-Color	WDR	AWB	HLC	BLC

Motion Detection	PoE	IP67	VCA	-30°~60°

RoHS CE FC PoE ONVIF
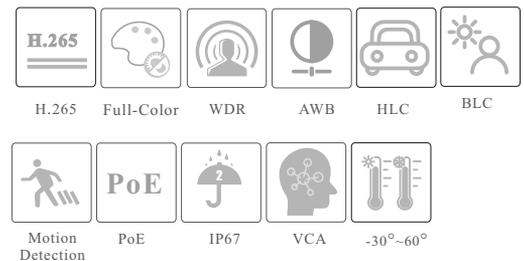
en.tvt.net.cn
For more information, please visit our website

SPECIFICATIONS

Specifications	Model	TD-9544C4
Camera		
Image Sensor		1 / 2.9 "CMOS
Image Size		2688 × 1520
Electronic Shutter		Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s
Iris Type		Fixed Iris
Min. Illumination		0.0005 lux @F1.0, AGC ON; 0 lux with illumination on
S/N Ratio		≥50dB
Lens		2.8 mm@F1.0, H.FoV: 99°; V.FoV:53°; D.FoV: 119° 3.6 mm@F1.0, H.FoV: 81°; V.FoV: 44°; D.FoV: 96°
Focus		Fixed
Lens Mount		M12
Wide Dynamic Range		120dB， (the next version support)
BLC		Yes
HLC		Yes
Defog		Yes
Digital NR		3D DNR
EIS		Yes
Angle Adjustment		Pan: 0°~360°; Tilt:0°~75°; 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 built-in microphone
Storage		Built-in micro SD card slot; up to 512GB
Reset		Yes
Alarm		No
Intelligent Analytics		
Smart Event		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	61m(200ft)	24m(80ft)	12m(40ft)	6m(20ft)
3.6mm	75m(247ft)	30m(99ft)	15m(49ft)	8m(25ft)

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
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	10 ~20 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)	Ø 94.6 × 82.8
Weight (net)	Approx. 0.456KG
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
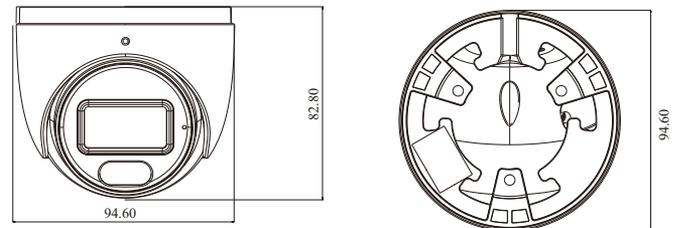
AVAILABLE MODEL

Available Model	TD-9544C4(PE/WR1)

AVAILABLE ACCESSORIES

TD-YXH0301

TD-YXH0104

TD-YZJ0203

TD-YZJ0213

TD-YXH0301+
TD-YZJ0810

TD-YXH0301+
TD-YZJ0406+TD-YZJ0501

TD-YXH0301+
TD-YZJ0406+TD-YZJ0601

TD-YZJ0213+
TD-YZJ0501

TD-YZJ0213+
TD-YZJ0601