

VTD-9544C2H

4MP Dual Illumination AI Turret Network Camera



- H.265+/H265/H.264+/H264/ MJPEG coding
- Max. resolution: 2688 × 1520
- 20 ~ 30m IR or white light range
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- 1CH audio input; 1CH built-in speaker; 1CH built-in MIC
- 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
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import
- Support smart supplement light

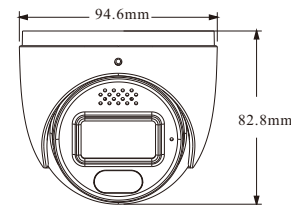


SPECIFICATIONS

Specifications	Model	VTD-9544C2H
Camera		
Image Sensor	1 / 3" CMOS	
Image Size	2688 × 1520	
Electronic Shutter	1 / 3s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.03lux@F1.6, AGC ON; 0 lux with LED	
Lens	2.8 mm@F1.6, H.FoV:96°; V.FoV:54.5°; D.FoV:113°; 3.6 mm@F1.6, H.FoV: 79.5°; V.FoV:42°; D.FoV:95°	
Focus	Fixed	
Lens Mount	M12	
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°~75°; 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 built-in speaker; 1CH built-in MIC	
Alarm	No	
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(plugin-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, 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: 20 ~ 30 m White light range: 20 ~ 30 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
2.8mm	59.66m(195.73ft)	23.86m(78.28ft)	11.93m(39.14ft)	5.96m(19.55ft)
3.6mm	79.19m(259.80ft)	31.67m(103.90ft)	15.83m(51.93ft)	7.91m(25.95ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 9.5W			
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)	Φ 94.6 × 82.8			
Weight (net)	Approx. 0.47KG			
Installation	Ceiling mounting; wall mounting			
Certificate	CE, FCC, UL			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)			

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	VTD-9544C2H(D/PE/AW2)	Fixed lens