

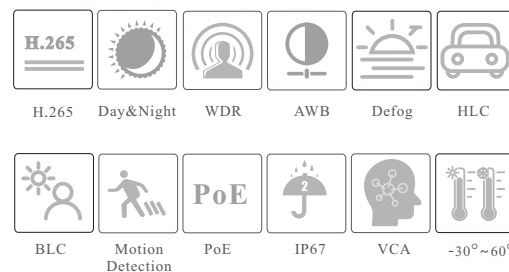
CAMERA

VTD-9442E3H

4MP IR Water-Proof Bullet Network Camera



- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- Max. resolution: 2560 × 1440
- Starlight
- ICR auto switch, true day / night vision
- 30~50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics

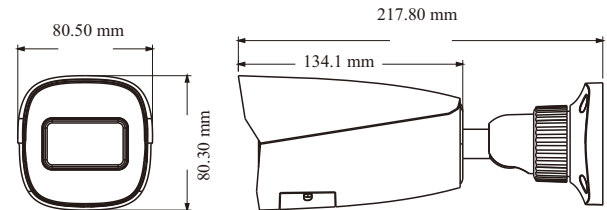


SPECIFICATIONS

Specifications	Model	VTD-9442E3H		
Camera				
Image Sensor	1 / 1.8" CMOS			
Image Size	2560 × 1440			
Electronic Shutter	1/3 s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0.0016 lux@F1.6, AGC ON; 0 lux with IR			
Lens	2.8 mm@F1.65, H.FoV: 109°; V.FoV:58°; D.FoV:132° 3.6 mm@F1.6, H.FoV: 89°; V.FoV: 51°; D.FoV:102°			
Focus	Fixed			
Lens Mount	M12			
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
S/N Ratio	≥ 50dB			
Digital NR	3D DNR			
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(2560 × 1440), 3MP(2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240			
Main Stream	4MP/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)			
Sub Stream	720P/D1/CIF(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Third Stream	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, NR, Image flip, Image mirror, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ 45			
Video Output	No			
Audio	1 CH audio input			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	No			
Intelligent Analytics (Smart Events)				
Perimeter Protection	Line crossing, region intrusion/entrance/exiting(human/vehicle classification), loitering detection, illegal parking detection, abandoned/ missing object detection			
Target Counting	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and video cast 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	52m(171ft)	21m(69ft)	10m(33ft)	5m(16ft)
3.6mm	60m(197ft)	24m(79ft)	12m(39ft)	6m(20ft)
Functions				
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, 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
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
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
IR Distance	30 ~ 50 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 7.5W
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)	217.8 × 80.5 × 80.3
Weight (net)	Approx. 0.68KG
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



AVAILABLE MODEL

Available Model	VTD-9442E3H(D/PE/AR3)	Fixed lens
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