

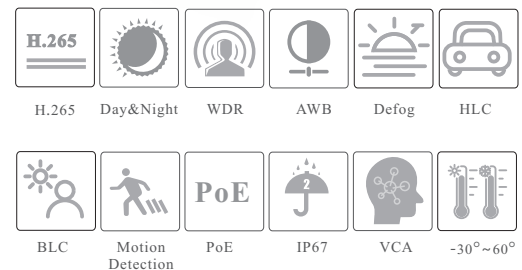
CAMERA

VTD-9452E3B-A

5MP IR Water-Proof Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night vision
- 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- 1CH audio input, 1CH audio output, 1CH built-in MIC
- 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

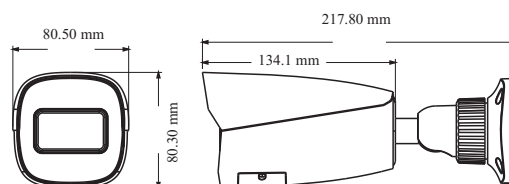


SPECIFICATIONS

Specifications	Model	VTD-9452E3B-A		
Camera				
Image Sensor	1 / 2.7 "CMOS			
Image Size	2592 × 1944			
Electronic Shutter	1 / 2 s ~ 1 / 100000 s			
Iris Type	Fixed Iris	DC Iris		
Min. Illumination	0.02 lux@F1.6, AGC ON; 0 lux with IR; 0.01 lux@F1.4, AGC ON, 0 lux with IR			
Lens	2.8 mm@F1.6, H.FoV: 99.87°; V.FoV: 70.36°; D.FoV: 120°		2.8~12mm@F1.4, H.FoV: 96°~28°; V.Fov: 70°~21°; D.FoV: 129°~35.5°	
	3.6 mm@F1.6, H.FoV: 80°; V.FoV: 58°; D.FoV: 108°			
Focus	Fixed	Motorized		
Lens Mount	M12	Φ14		
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 stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240			
Main Stream	5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)			
Sub Stream	720P/D1/CIF/480×240 (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, Image Mirror, Image Flip, 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 audio output; 1 CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
Intelligent Analytics (Smart Events)				
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and video cast detection			
Face Detection	Face detection and face capture			
Other Events	Abandoned/missing object detection, crowd density detection			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	55.16m(180.97ft)	22.06m(72.37ft)	11.03m(36.18ft)	5.52m(18.11ft)
3.6mm	70.14m(230.11ft)	28.06m(92.06ft)	14.03m(46.03ft)	7.01m(22.99ft)
2.8~12mm(W)	55.53m(182.18ft)	22.21m(72.86ft)	11.11m(36.45ft)	5.55m(18.20ft)
2.8~12mm(T)	209.78m(688.25ft)	83.91m(275.29ft)	41.96m(137.66ft)	20.98m(68.83ft)
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, 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, Network disconnected, sensor alarm	
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/HTTPs	
PoE	Yes, IEEE802.3af	
IR Distance	30 ~ 50 m	
Ingress Protection	IP 67	
Others		
Power Supply	DC12V/PoE	
Power Consumption	< 10W	
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. 0.67KG	Approx. 0.696KG
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-9452E3B-A(D/PE/AR3)	Fixed lens
	VTD-9452E3B-A(D/AZ/PE/AR3)	Motorized zoom lens