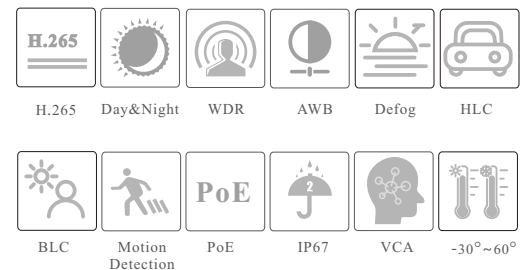


CAMERA

### VTD-9443E3B-A 4MP IR Water-Proof Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2688 × 1520
- ICR auto switch, true day / night vision
- 50~70m or 70~100m IR night view distance; motorized zoom lens
- 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
- Support P2P function
- Intelligent analytics

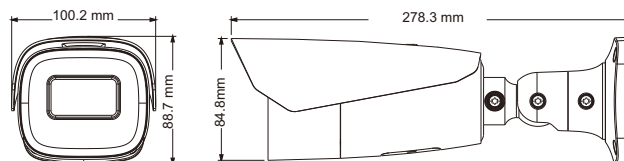


## SPECIFICATIONS

Specifications	Model	VTD-9443E3B-A		
<b>Camera</b>				
Image Sensor	1 / 3 "CMOS			
Image Size	2688 × 1520			
Electronic Shutter	1 / 3 s ~ 1 / 100000 s			
Iris Type	DC Iris			
Min. Illumination	0.005 lux@F1.6,AGC ON;0 lux with IR			
Lens	2.8~12mm@F1.3, H.FoV: 100.0°~28.9°; V.FoV: 54.5°~16.7°; D.FoV: 118°~35°	7~22mm@F1.6, H.FoV: 43°~18°; V.FoV: 25°~11°; D.FoV: 50°~20°	5~50mm@F1.6 H.FoV: 45.5°~7°; V.FoV: 26°~5°; D.FoV: 54°~9°	
	Focus Motorized			
	Lens Mount 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°			
<b>Image</b>				
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/2592×1520/2K/3MP/1080P (60Hz: 1~30fps; 50Hz: 1~25fps)			
Sub Stream	720P/D1/VGA/640×360/480×240/CIF(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 Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
<b>Interfaces</b>				
Network	RJ 45 10M/100M self-adaptive Ethernet port			
Video Output	CVBS output (BNC × 1)			
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			
<b>Intelligent Analytics</b>				
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 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, 4 motor vehicle features and 1 non-motor vehicle feature			
<b>DORI Distance</b>				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	58m(193ft)	23m(77ft)	11m(38ft)	5m(19ft)
2.8~12mm(T)	205m(675ft)	82m(270ft)	41m(135ft)	20m(67ft)
7~22mm(W)	137m(449ft)	55m(180ft)	27m(89ft)	14m(45ft)
7~22mm(T)	316m(1036ft)	126m(414ft)	63m(207ft)	32m(104ft)
5~50mm(W)	73m(240ft)	29m(95ft)	15m(49ft)	7m(23ft)
5~50mm(T)	497m(1631ft)	199m(653ft)	99m(325ft)	50m(164ft)

Functions			
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP		
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+		
Online Connection	Support simultaneous monitoring for up to 8 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, P2P, QoS		
Interface Protocol	ONVIF		
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		
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	50 ~ 70 m	70 ~ 100 m	70 ~ 100 m
Ingress Protection	IP 67		
<b>Others</b>			
Power Supply	DC12V/PoE		
Power Consumption	< 12.5W		
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 )	278.3 × 100.2 × 88.7		
Weight ( net )	Approx. 1.04KG		
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	Options	Features
VTD-9443E3B-A(D/AZ/PE/AR5)		Motorized lens (2.8~12mm)
VTD-9443E3B-A(D/AZ/PE/AR7)		Motorized lens (7~22mm)
VTD-9443E3B-A(D/AZ/PE/AR7)		Motorized lens (5~50mm)