

CAMERA

VTD-9452E3A

5MP IR Water-Proof Bullet Network Camera



- H.265S/H.265+/H.265/H.264S/H.254+/H.254/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
- 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

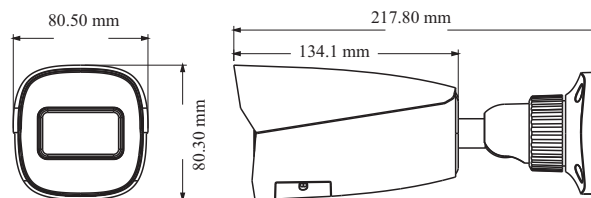


SPECIFICATIONS

Specifications	Model	TD-9452E3A		
Camera				
Image Sensor	1 / 2.7" CMOS			
Image Size	2592 × 1944			
Electronic Shutter	1 / 3 s ~ 1 / 10000 s			
Iris Type	Fixed Iris	DC Iris		
Min. Illumination	0.009 lux@F1.6, AGC ON; 0 lux with IR 0.007lux@F1.4, AGC ON; 0 lux with IR			
Lens	2.8 mm@F1.6, H.FoV: 97°; V.FoV: 71°; D.FoV: 127° 3.6 mm@F1.6, H.FoV: 77°; V.FoV: 56°; D.FoV: 104°	2.8~12mm@F1.4, H.FoV: 90°~31°; V.Fov: 67°~24°; D.FoV: 115°~38°		
Focus	Fixed	Motorized		
Lens Mount	M12	Ø14		
Day & Night	ICR			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	3D DNR			
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°			
Image				
Video Compression	Main stream: H.265S / H.265+ / H.265 / H.264S / H.264+ / H.264 / MJPEG 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, Chroma, Contrast, Wide Dynamic, Sharpen, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ45			
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 entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)			
Target Counting	Target counting by line, target counting by area, heat map			
Exception Detection	Scene change, video blur detection and video cast detection			
Face Detection	Face detection and face capture			
General Intelligence	Crowd density detection, object abandoned/missing			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	54.5m(178.80ft)	21.8m(71.52ft)	10.9m(35.76ft)	5.5m(18.04ft)
3.6mm	73.1m(239.82ft)	29.2m(95.80ft)	14.6m(47.90ft)	7.3m(23.95ft)
2.8~12mm(W)	58.7m(192.58ft)	23.5m(77.09ft)	11.7m(38.38ft)	5.9m(19.35ft)
2.8~12mm(T)	182.9m(600.06ft)	73.2m(240.15ft)	36.6m(120.07ft)	18.3m(60.03ft)
Functions				

Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP		
Web Browser	IE(plug-in required)/Google Chrome/Edge/Firefox/Safari		
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		
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, corridor pattern		
PoE	Yes, IEEE802.3af		
IR Distance	30 ~50 m		
Ingress Protection	IP67		
Others			
Power Supply	DC12V/PoE		
Power Consumption	< 8.5W	< 9W	
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. 0.662KG	Approx. 0.69KG	
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-9452E3A(D/PE/AR3)	Fixed lens
	VTD-9452E3A(D/AZ/PE/AR3)	Motorized zoom lens