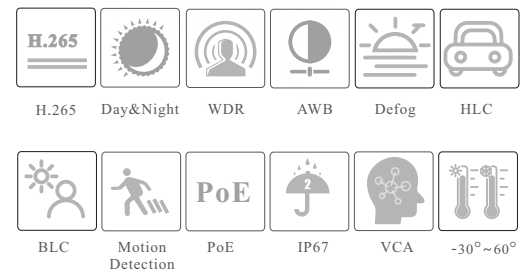


CAMERA

VTD-9442E3B-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
- 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
- Support P2P function
- Intelligent analytics

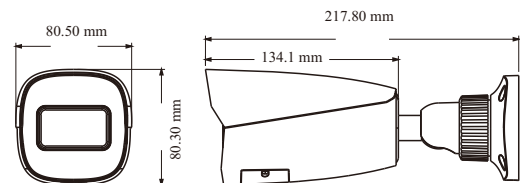


SPECIFICATIONS

| Specifications | Model | VTD-9442E3B-A | | |
|------------------------------|---|---|------------|-----------|
| Camera | | | | |
| Image Sensor | 1 / 3 "CMOS | | | |
| Image Size | 2688 × 1520 | | | |
| Electronic Shutter | 1 / 3s ~ 1 / 100000 s | | | |
| Iris Type | Fixed Iris | DC Iris | | |
| Min. Illumination | 0.005 lux@F1.6, AGC ON; 0 lux with IR | | | |
| Lens | 2.8 mm@F1.6, H.FoV: 95.3°, V.FoV: 53.2°, D.FoV: 115.0° | 2.8~12mm@F1.3, H.FoV: 100.0°~28.9°, V.Fov: 54.5°~16.7°; | | |
| | 3.6 mm@F1.6, H.FoV: 78.8°, V.FoV: 42.3°, D.FoV: 100.2° | D.FoV: 118°~35° | | |
| 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/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 | | | |
| 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 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 | | | |
| DORI Distance | | | | |
| Lens | Detect | Observe | Recognize | Identify |
| 2.8mm | 60m(199ft) | 24m(79ft) | 12m(39ft) | 6m(19ft) |
| 3.6mm | 75m(246ft) | 30m(98ft) | 15m(49ft) | 7m(24ft) |
| 2.8~12mm(W) | 58m(193ft) | 23m(77ft) | 11m(38ft) | 5m(19ft) |
| 2.8~12mm(T) | 205m(675ft) | 82m(270ft) | 41m(135ft) | 20m(67ft) |
| Functions | | | | |
| Remote Monitoring | Web Browser/TVTNVMS2.0/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 | 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-9442E3B-A(D/PE/AR3) | Fixed lens |
| | VTD-9442E3B-A(D/AZ/PE/AR3) | Motorized zoom lens |