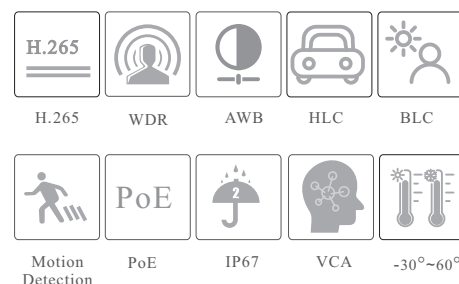


# VTD-9524S4BH

## 2MP IR Water-proof Turret Network Camera



- H.265+ /H.265 / H.264+ / H.264/ MJPEG coding
- Max.resolution: 2MP ( 1920 × 1080)
- ICR auto switch, true day / night vision
- 3D DNR, WDR, HLC, BLC, smart IR, etc.
- 20~30m IR night view distance
- Built-in micro SD card slot, up to 256GB
- 1CH built-in MIC; 1CH audio input
- PoE power supply (optional)
- IP 67 ingress protection
- Support dual streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Intelligent analytics



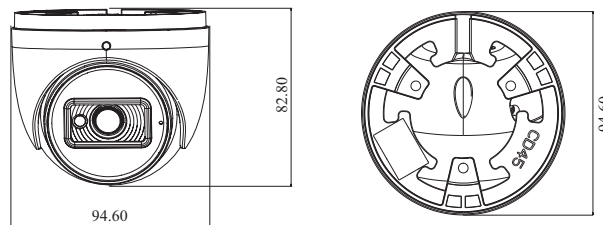
## SPECIFICATIONS

| Model                      | VTD-9524S4BH                                                                                                                                              |                 |                |                |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|----------------|
| Specifications             |                                                                                                                                                           |                 |                |                |
| Camera                     |                                                                                                                                                           |                 |                |                |
| Image Sensor               | 1 / 2.8 "CMOS                                                                                                                                             |                 |                |                |
| Image Size                 | 1920×1080                                                                                                                                                 |                 |                |                |
| Electronic Shutter         | 1/3s ~ 1 / 10000s                                                                                                                                         |                 |                |                |
| Iris Type                  | Fixed Iris                                                                                                                                                |                 |                |                |
| Min. Illumination          | 0.008 lux @F1.6, AGC ON; 0 lux with IR                                                                                                                    |                 |                |                |
| Lens                       | 2.8mm@F1.6, Horizontal FoV: 107°;Vertical FoV:56°;Diagonal FoV:126°<br>3.6mm@F1.6, Horizontal FoV:89°;Vertical FoV:47.5°;Diagonal FoV:104°                |                 |                |                |
| Focus                      | Fixed                                                                                                                                                     |                 |                |                |
| Lens Mount                 | M12                                                                                                                                                       |                 |                |                |
| Day&Night                  | ICR                                                                                                                                                       |                 |                |                |
| Wide Dynamic Range         | Digital WDR                                                                                                                                               |                 |                |                |
| BLC                        | Yes                                                                                                                                                       |                 |                |                |
| HLC                        | Yes                                                                                                                                                       |                 |                |                |
| Digital NR                 | Yes                                                                                                                                                       |                 |                |                |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~75°;Rotation: 0°~360°                                                                                                               |                 |                |                |
| Image                      |                                                                                                                                                           |                 |                |                |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264/ MJPEG                                                        |                 |                |                |
| H.265 Compression Standard | Main Profile@Leve4.1 High Tier                                                                                                                            |                 |                |                |
| Resolution                 | 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF                                                                                                       |                 |                |                |
| Main Stream                | 60Hz: 1080P/720P(1~30fps); 50Hz: 1080P/720P(1~25fps)                                                                                                      |                 |                |                |
| Sub Stream                 | 60Hz: D1/CIF (1~30fps);50Hz: D1/CIF (1~25fps)                                                                                                             |                 |                |                |
| Bit Rate                   | 128 Kbps ~ 4 Mbps                                                                                                                                         |                 |                |                |
| Bit Rate Type              | VBR / CBR                                                                                                                                                 |                 |                |                |
| 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                    | RJ45                                                                                                                                                      |                 |                |                |
| Video Output               | No                                                                                                                                                        |                 |                |                |
| Audio                      | 1CH audio input; 1CH built-in MIC                                                                                                                         |                 |                |                |
| Storage                    | Built-in micro SD card slot, up to 256GB                                                                                                                  |                 |                |                |
| Reset                      | Yes                                                                                                                                                       |                 |                |                |
| Functions                  |                                                                                                                                                           |                 |                |                |
| Remote Monitoring          | Web browser /TVT NVR/NVMS2.X/Mobile APP                                                                                                                   |                 |                |                |
| Web Browser                | IE (plug-in required)/Google Chrome/Edge/Firefox/Safari                                                                                                   |                 |                |                |
| Online Connection          | Support simultaneous monitoring for up to 3 users;<br>Support multi-stream real time transmission                                                         |                 |                |                |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, QoS                                                 |                 |                |                |
| Interface Protocol         | ONVIF                                                                                                                                                     |                 |                |                |
| Storage                    | Network remote storage; micro SD card storage                                                                                                             |                 |                |                |
| Smart Alarm                | Motion detection, SD card full, SD card error                                                                                                             |                 |                |                |
| Smart Event                | Video Exception (scene change, video blur and video cast detection), line crossing detection and region intrusion detection                               |                 |                |                |
| General Function           | Watermark, IP address filtering, video mask, heartbeat, illegal login lock                                                                                |                 |                |                |
| PoE                        | Optional, IEEE802.3af                                                                                                                                     |                 |                |                |
| IR Distance                | 20 ~ 30 m                                                                                                                                                 |                 |                |                |
| Ingress Protection         | IP67                                                                                                                                                      |                 |                |                |
| DORI Distance              |                                                                                                                                                           |                 |                |                |
| Lens                       | Detect                                                                                                                                                    | Observe         | Recognize      | Identify       |
| 2.8mm                      | 40.62m(133.26ft)                                                                                                                                          | 16.25m(53.31ft) | 8.12m(26.64ft) | 4.06m(13.32ft) |
| 3.6mm                      | 49.68m(162.99ft)                                                                                                                                          | 19.87m(65.19ft) | 9.94m(32.61ft) | 4.97m(16.30ft) |

## Others

|                          |                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------|
| Power Supply             | DC12V(PoE power supply optional)                                                              |
| Power Consumption        | < 4.5W                                                                                        |
| Operating Environment    | - 40 °C ~ 60 °C (-22 °F~140°F);Humidity: less than 95 % (non-condensing)                      |
| Storage Environment      | - 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)                       |
| Dimensions ( mm )        | Ø 94.6 × 82.8                                                                                 |
| Weight ( net )           | Approx. 0.46KG                                                                                |
| Installation             | Ceiling mounting ( Wall mounting available with the junction box and bracket )                |
| Certificate              | CE, FCC, UL                                                                                   |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006) |

## DIMENSIONS



## AVAILABLE ACCESSORIES



## AVAILABLE MODEL

|                 |                        |
|-----------------|------------------------|
| Available Model | VTD-9524S4BH(D/PE/AR2) |
|                 | VTD-9524S4BH(D/AR2)    |