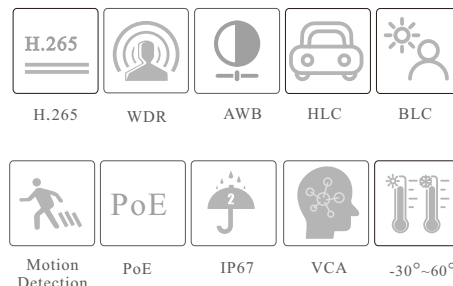


## TD-9421S4-D

### 2MP IR Water-proof Bullet Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution:2MP ( 1920 × 1080)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- 20~30m IR view distance
- 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
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection



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For more information, please visit our website

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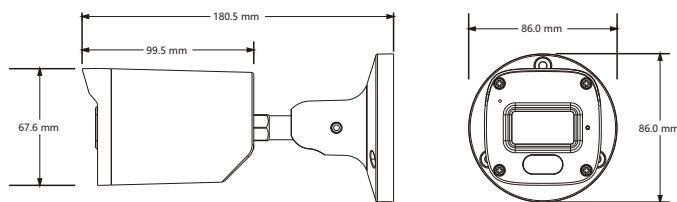
## SPECIFICATIONS

| Specifications             | Model                                                                                                                                                                                            | TD-9421S4-D |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Camera</b>              |                                                                                                                                                                                                  |             |
| 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 illumination on                                                                                                                                              |             |
| 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                                                                                                                                                                                              |             |
| Wide Dynamic Range         | 120dB                                                                                                                                                                                            |             |
| BLC                        | Yes                                                                                                                                                                                              |             |
| HLC                        | Yes                                                                                                                                                                                              |             |
| Digital NR                 | Yes                                                                                                                                                                                              |             |
| S/N Ratio                  | ≥50dB                                                                                                                                                                                            |             |
| Angle Adjustment           | Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°                                                                                                                                                    |             |
| <b>Image</b>               |                                                                                                                                                                                                  |             |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub/Third 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, VGA (640×480), 640×360, 480×240, CIF                                                                                                                       |             |
| Main Stream                | 1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                                                                        |             |
| Sub Stream                 | 720P/D1/VGA/640×360 /CIF (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                                                          |             |
| Third Stream               | D1/480×240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                                                                    |             |
| Bit Rate                   | 64 Kbps ~ 6 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                                        |             |
| Audio Compression          | G711A/U                                                                                                                                                                                          |             |
| ROI                        | Each ROI to be configured separately                                                                                                                                                             |             |
| <b>Interfaces</b>          |                                                                                                                                                                                                  |             |
| Network                    | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                                       |             |
| Indicator                  | Yes                                                                                                                                                                                              |             |
| Audio                      | 1CH audio input; 1CH built-in MIC                                                                                                                                                                |             |
| Storage                    | Built-in micro SD card slot, up to 256GB                                                                                                                                                         |             |
| Reset                      | Yes                                                                                                                                                                                              |             |
| <b>Functions</b>           |                                                                                                                                                                                                  |             |
| Remote Monitoring          | Web browser /TVT NVR/NVMS2.X/Mobile APP                                                                                                                                                          |             |
| Web Browser                | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                                               |             |
| Online Connection          | Support simultaneous monitoring for up to 6 users;<br>Support multi-stream real time transmission                                                                                                |             |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, 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, video exception                                                                                  |             |
| Smart Event                | Line crossing/region intrusion (human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection                                                                        |             |
| General Function           | Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, corridor pattern                                                                                                     |             |
| PoE                        | Yes (IEEE802.3af)                                                                                                                                                                                |             |
| Supplement Light Range     | IR range: 20 ~ 30 m                                                                                                                                                                              |             |
| Ingress Protection         | IP67                                                                                                                                                                                             |             |
| Security                   | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP |             |

## DORI Distance

| Lens                     | Detect                                                                                       | Observe   | Recognize | Identify |
|--------------------------|----------------------------------------------------------------------------------------------|-----------|-----------|----------|
| 2.8mm                    | 41m(133ft)                                                                                   | 16m(53ft) | 8m(27ft)  | 4m(13ft) |
| 3.6mm                    | 50m(163ft)                                                                                   | 20m(65ft) | 10m(33ft) | 5m(16ft) |
| <b>Others</b>            |                                                                                              |           |           |          |
| Power Supply             | DC12V/PoE                                                                                    |           |           |          |
| Power Consumption        | DC12V: < 4.6W; PoE: < 5.9W                                                                   |           |           |          |
| 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 )        | 180.5 × 86 × 86                                                                              |           |           |          |
| Weight ( net )           | Approx. 0.491KG                                                                              |           |           |          |
| Installation             | Ceiling mounting; wall mounting                                                              |           |           |          |
| Certificate              | CE, FCC                                                                                      |           |           |          |
| 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 | TD-9421S4-D(D/PE/AR2) |
|-----------------|-----------------------|