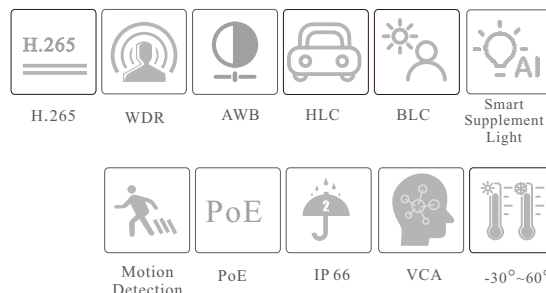


## TD-9442S4-PA

### 4MP Dual Illumination Water-proof Bullet Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution: 4MP ( 2560 × 1440)
- Auto day/night switch
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 30~40m white light view distance; 30~40m IR view distance
- DC12V/PoE power supply
- IP 66 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
- Blue and red light warning (flashing alternately)
- Support user-defined warning voice import



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For more information, please visit our website

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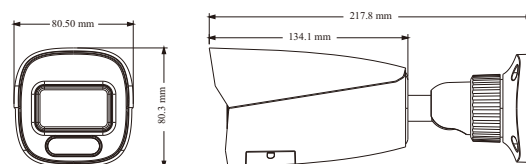
## SPECIFICATIONS

| Model                      | TD-9442S4-PA                                                                                                                                                                             |                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Specifications             |                                                                                                                                                                                          |                                                                              |
| Camera                     |                                                                                                                                                                                          |                                                                              |
| Image Sensor               | 1 / 3 "CMOS                                                                                                                                                                              |                                                                              |
| Image Size                 | 2560×1440                                                                                                                                                                                |                                                                              |
| Electronic Shutter         | 1/1s ~ 1 / 100000s                                                                                                                                                                       |                                                                              |
| Iris Type                  | Fixed Iris                                                                                                                                                                               |                                                                              |
| Min. Illumination          | 0.005 lux @F1.6, AGC ON; 0 lux with illumination on<br>0.004 lux @F1.4, AGC ON; 0 lux with illumination on                                                                               |                                                                              |
| Lens                       | 2.8mm@F1.6, H.FoV:94°; V.FoV: 50°; D.FoV:115°<br>3.6mm@F1.6, H.FoV: 78°; V.FoV: 40°; D.FoV:97°                                                                                           | 2.8~12mm@F1.4,H.FoV: 92 °~31 °;<br>V.FoV: 48 °~17.2°;<br>D.FoV: 112 °~35.6 ° |
| Focus                      | Fixed                                                                                                                                                                                    | Motorized                                                                    |
| Lens Mount                 | M12                                                                                                                                                                                      | Ø 14                                                                         |
| Day/Night                  | Auto, Day, Night, Timing                                                                                                                                                                 |                                                                              |
| Wide Dynamic Range         | 120dB                                                                                                                                                                                    |                                                                              |
| BLC                        | Yes                                                                                                                                                                                      |                                                                              |
| HLC                        | Yes                                                                                                                                                                                      |                                                                              |
| Digital NR                 | Yes                                                                                                                                                                                      |                                                                              |
| S/N Ratio                  | ≥50dB                                                                                                                                                                                    |                                                                              |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~90°;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<br>Third stream: H.265+ / H.265 / H.264+ / H.264/ MJPEG                              |                                                                              |
| H.265 Compression Standard | Main Profile@Leve4.1 High Tier                                                                                                                                                           |                                                                              |
| Resolution                 | 4MP (2560×1440), 3MP (2304×1296), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, VGA (640 × 480), CIF, 480 × 240                                                                        |                                                                              |
| Main Stream                | 60Hz: 4MP/3MP/1080P/720P(1~30fps); 50Hz: 4MP/3MP/1080P/720P(1~25fps)                                                                                                                     |                                                                              |
| Sub Stream                 | 60Hz: 720P/D1/VGA/CIF(1~30fps); 50Hz: 720P/D1/VGA/CIF (1~25fps)                                                                                                                          |                                                                              |
| Third Stream               | 60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(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                                                                                                                                                     |                                                                              |
| Interfaces                 |                                                                                                                                                                                          |                                                                              |
| Network                    | RJ45                                                                                                                                                                                     |                                                                              |
| Video Output               | No                                                                                                                                                                                       |                                                                              |
| Audio                      | 1CH audio input; 1CH built-in MIC; 1CH audio output; 1CH built-in speaker                                                                                                                |                                                                              |
| 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                | IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                              |                                                                              |
| Online Connection          | Support simultaneous monitoring for up to 4 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, QoS                                                               |                                                                              |
| Interface Protocol         | ONVIF                                                                                                                                                                                    |                                                                              |
| Storage                    | Network remote storage; micro SD card storage                                                                                                                                            |                                                                              |
| Smart Alarm                | Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnected, video exception(scene change, video blur and video cast detection) audio alarm, light alarm |                                                                              |
| Smart Event                | Line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection                                                      |                                                                              |
| General Function           | Watermark, IP address filtering, video mask, heartbeat, system config backup, smart supplement light, corridor pattern, ANR                                                              |                                                                              |
| PoE                        | Yes (IEEE802.3af)                                                                                                                                                                        |                                                                              |
| Supplement Light Range     | IR range: 30 ~ 40 m; white light range:30 ~ 40 m                                                                                                                                         |                                                                              |
| Ingress Protection         | IP66                                                                                                                                                                                     |                                                                              |
| Security                   | Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP               |                                                                              |

## DORI Distance

| Lens                     | Detect                                                                                        | Observe    | Recognize       | Identify  |
|--------------------------|-----------------------------------------------------------------------------------------------|------------|-----------------|-----------|
| 2.8mm                    | 62m(203ft)                                                                                    | 25m(81ft)  | 12m(40ft)       | 6m(20ft)  |
| 3.6mm                    | 79m(259ft)                                                                                    | 32m(104ft) | 16m(52ft)       | 8m(26ft)  |
| 2.8~12mm(W)              | 64m(210ft)                                                                                    | 26m(84ft)  | 13m(42ft)       | 6m(20ft)  |
| 2.8~12mm(T)              | 189m(619ft)                                                                                   | 75m(247ft) | 38m(124ft)      | 19m(62ft) |
| Others                   |                                                                                               |            |                 |           |
| Power Supply             | DC12V/PoE                                                                                     |            |                 |           |
| Power Consumption        | < 9.5W                                                                                        |            |                 |           |
| 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 )        | 217.8 × 80.5 × 80.3                                                                           |            |                 |           |
| Weight ( net )           | Approx. 0.675KG                                                                               |            | Approx. 0.694KG |           |
| 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-9442S4-PA(D/PE/AW3)    | Fixed lens     |
|                 | TD-9442S4-PA(D/AZ/PE/AW3) | Motorized lens |