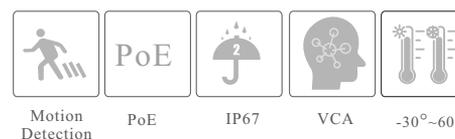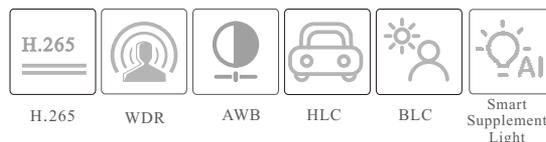# TD-9442S4-C

## 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; 30~50m 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 NAT function
- Support SMD
- Support line crossing detection, region intrusion detection, abandoned/missing object detection, video exception detection
- Dual-system backup

| H.265 | WDR | AWB | HLC | BLC | Smart Supplement Light |
|-------|-----|-----|-----|-----|------------------------|

| Motion Detection | PoE | IP67 | VCA | -30°~60° |
|------------------|-----|------|-----|----------|

RoHS  CE  FC  PoE  ONVIF

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## SPECIFICATIONS

| Specifications \ Model | TD-9442S4-C | |
|---|---|---|
| **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 °; 3.6mm@F1.6, H.FoV: 78 °; V.FoV: 40°; D.FoV:97 ° 6mm@F1.6, H.FoV: 48°;V.FoV:27°; D.FoV:56° | 2.8~12mm@F1.4,H.FoV: 92 °~31 °; V.FoV: 48 °~17.2°; D.FoV: 112 °~ 35.6 ° |
| Focus | Fixed | Motorized |
| Lens Mount | M12 | Ø 14 |
| Day&Night | ICR | |
| 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/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), 480× 240, CIF | |
| Main Stream | 4MP/3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps) | |
| Sub Stream | 720P/D1/VGA/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 | |
| **Interfaces** | | |
| Network | RJ45 (10/100 Base-T) | |
| 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 /NVR/NVMS/Mobile APP | |
| Web Browser | Chrome 105.0+/Edge 105.0+/Firefox 121.0+/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, NAT, QoS | |
| Interface Protocol | ONVIF | |
| API&SDK | Yes | |
| 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/vehicle classification), abandoned/missing object detection | |
| General Function | Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern, disarming | |
| PoE | Yes (IEEE802.3af) | |
| Supplement Light Range | IR range: 30 ~ 50 m; white light range:30 ~ 40 m | |
| Ingress Protection | IP67 | |
| 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/API | |

**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) |
| 6mm | 120m(394ft) | 48m(157ft) | 24m(79ft) | 12m(40ft) |
| 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 | DC12V: <7.1W; PoE: < 8.5W |
| 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 ) | 217.6 × 80.5 × 80.3 |
| Weight ( net ) | Approx. 0.68KG |
| Material | Aluminum alloy body |
| 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

80.50 mm — 80.3 mm — 217.6 mm — 134.1 mm — 48.1 mm — 4-Ø4.6 — 48.1 mm — 73.1 mm — 72.9 mm

## AVAILABLE ACCESSORIES

TD-YXH0301  TD-YXH0103  TD-YXH0104  TD-YXH0304

TD-YXH0301+ TD-YZJ0501  TD-YXH0301+ TD-YZJ0601  TD-YXH0301+ TD-YZJ0810
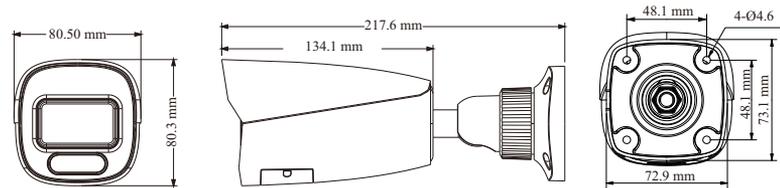
## AVAILABLE MODEL

| Available Model | TD-9442S4-C(D/PE/AW3) | Fixed lens |
|---|---|---|
| | TD-9442S4-C(D/AZ/PE/AW3) | Motorized lens |