



# 8MP (4K) IP Turret Camera with Line Crossing & Intrusion Detection

## O8VT3M

2.-128mm motorized lens, white housing

### Features

- Supports up to 8MP @ 20fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: up to 165' (depending on scene reflection)
- True WDR
- MicroSD card slot up to 256GB max (card not included)
- Conformant with ONVIF Profile G/S/T
- Built-in microphone
- Line crossing, region intrusion and scene change detection\*
- IP67 weather resistance
- 5 year warranty
- NDAA Compliant\*\*

\*\*With compatible Speco Blue recorder

\*\*Products are in compliance with NDAA Section 889 Part B Guideline



Junction Box  
Included



### Camera Specifications

|                          |  |
|--------------------------|--|
| Image Sensor             | Progressive scan 1/2.8" CMOS, 8MP  |
| Maximum Resolution       | 3840 x 2160 (8MP)  |
| Minimum Illumination     | 0.02 lux @ F1.6 AGC ON; 0 lux with IR  |
| Field of View            | 100° - 34°(H); 54° - 18°(V); 117° - 35.5°(D)   |
| Image Settings           | Region of interest, saturation, brightness, chroma, contrast, wide dynamic, defog, sharpen, noise reduction, corridor mode |
| Day/Night                | Smart IR   |
| Compensation             | True WDR / BLC / HLC   |
| Electronic Shutter Speed | 1/1s - 1/100000s   |
| DNR                      | 3D DNR   |
| Angle Adjustment         | Pan 0° - 360°, tilt 0° - 80°, rotation 0°-360°   |

### Video Specifications

|                       |   |
|-----------------------|---|
| Main Resolution       | 8MP/ (1-20fps),<br>6MP/5MP/4MP/2K/3MP/2MP/720p<br>(1-30fps) |
| Sub Stream Resolution | 720P(1-12fps)/D1/480 × 240(1-30fps)                         |
| Third Stream          | D1/CIF/480 × 240 (1-30fps)                                  |
| Compression           | H.265, H.264  |
| Bitrate Control       | VBR, CBR (64Kbps - 12Mbps)                                  |
| Multiple Streaming    | 3 streams   |

### Audio Specifications

|                   |                 |
|-------------------|-----------------|
| Audio Compression | G.711A / G.711U |
|-------------------|-----------------|

### Network Specifications

|              |   |
|--------------|---|
| Protocols    | UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS          |
| DDNS support | Speco DDNS (free of charge)   |
| Security     | User ID & password protection, IP/Mac address filtering, digest authentication        |
| User Access  | Max. 3 simultaneous users;<br>actual number of users may vary depending on bandwidth) |

### Interfaces

|             |                                     |
|-------------|-------------------------------------|
| Network     | RJ45 jack                           |
| Power       | DC jack                             |
| Audio input | Built-in mic, 3.5mm input           |
| Card Slot   | MicroSD, up to 256GB (not included) |
| Alarm       | No                                  |
| Reset       | Yes                                 |

### Client Specifications

|                     |   |
|---------------------|---|
| Web Browser Support | Chrome, Edge, Safari, Firefox, Windows (Internet Explorer 8 and up) |
| PC Application      | SecureGuard® VMS, SecureGuard® CMS                                  |
| Mobile              | SecureGuard® Client, Speco Blue (iPhone® and Android™)              |

## System Specifications

|                   |   |
|-------------------|---|
| PoE               | Standard (IEEE 802.3af)   |
| Analytics         | Line crossing, region intrusion, people/ vehicle detection and scene change detection |
| Alarm Triggers    | Motion, Analytics, SD card error  |
| Security Settings | Watermark, IP address filtering, video mask, password protection                      |

## Operating & Unit Specifications

|                       |  |
|-----------------------|--|
| Power                 | PoE, 12VDC (power supply not included)     |
| Power Consumption     | <8.0W                                      |
| Operating Temperature | -40°F - 140°F (-40°C - 60°C)               |
| Operating Humidity    | Less than 95 % (non-condensing)            |
| Unit Dimensions       | 4.54" (dia.) x 3.92" (H); 111.5mm x 99.6mm |
| Unit Weight           | 1.45 lbs. (0.66kg)                         |
| Certifications        | FCC  |

## Optional Accessories

**POEINJ**  
25.5W  
PoE Injector

**PSW5**  
12VDC  
Power Supply

**CMT1**  
Corner Mount

**PMT1**  
Pole Mount

**CLTX1**  
Ceiling Mount  
4" Extension

**CLTX2**  
Ceiling Mount  
8" Extension

**O4D6WM**  
Wall Mount

**CLT4**  
Ceiling Mount

## Camera Interfaces

**3.5mm Audio In**

**DC 12V**

**RJ45 PoE**

**Built-in Mic**

**microSD**  
up to 256GB