# IP

# 8MP (4K) IP Turret Camera with Advanced Analytics, NDAA Compliant

## O8T9M

2.8-12mm motorized lens, white housing

## Features

- Captures up to 8MP @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: up to 164' (depending on scene reflection)
- True WDR operation
- Micro SD card slot up to 256GB (card not included)
- Conformant with ONVIF G/S/T
- Line crossing, region intrusion, and video blurring detection
- Face with Mask Detection and Capture*
- People/Vehicle detection and counting*
- Built-in microhpone
- IP67 Weather Resistance
- Junction box included (works with NPT/BSP specifications)
- 5 year warranty
- NDAA Compliant**

Included Junction Box

IR | 4K | H.265 | TRUE WDR | DAY NIGHT | AI | PoE | MICRO SD CARD SLOT | IP67 | ZOOM FOCUS | OPERATES IN -40˚F

## Camera Specifications

| | |
|---|---|
| Image Sensor | Progressive scan 1/2.8" CMOS, 8MP |
| Maximum Resolution | 3840 x 2160 (8MP) |
| Minimum Illumination | 0.015lux @ F1.4, AGC ON; 0 lux with IR |
| Field of View | (H): 96° ~ 32°; (V): 64° ~ 18.4°; (D): 103.8° ~ 36.5° |
| Image Settings | Region of interest, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Defog, Sharpen, Noise Reduction, Corridor Mode (Image rotation) |
| Day/Night | Smart IR with cut filter |
| Compensation | True WDR, BLC, HLC |
| Electronic Shutter Speed | 1 sec. - 1/100000 sec. |
| DNR | 3D DNR |
| Angle Adjustment | Pan 0° - 360°, Tilt 0° - 80°, Rotation 0°- 360° |

## Interfaces

| | |
|---|---|
| Network | RJ45 jack |
| Power | DC jack |
| Microphone Input | 3.5mm |
| Card Slot | MicroSD, up to 256GB (not included) |
| Alarm | No |
| Reset | Yes |

## Client Specifications

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

## Audio Specifications

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

## D.O.R.I. (m)

| | |
|---|---|
| Detection (25px/m) | Wide 185ft(85m), Telephoto 63ft(17m) |
| Observation (63px/m) | Wide 552ft(289m), Telephoto 136ft(58m) |
| Recognition (125px/m) | Wide 93ft(34m), Telephoto 26ft(8m) |
| Identification(250px/m) | Wide 241ft(116m), Telephoto 84ft(29m) |

*with compatible Speco recorder
**Products are in compliance with NDAA Section 889 Part B Guidelines

## 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. 10 simultaneous users, Actual number of users may vary depending on bandwidth |

## Video Specifications

| | |
|---|---|
| Main Resolution | 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1-30fps) |
| Sub Stream | 720P/D1/480 x 240 (1-30fps) |
| Third Stream | D1/CIF/480x240 (1-30fps) |
| Compression | H.265, H.264, MJPEG |
| Bitrate Control | VBR, CBR (64Kbps ~ 12Mbps) |
| Multiple Streaming | 3 streams |

## System Specifications

| | |
|---|---|
| PoE | Standard (IEEE 802.3af) |
| Perimeter Protection | Line crossing, loitering, region entrance/exiting/ intrusion (human/motor vehicle/non-motor classification) |
| Target Counting | Line crossing human/motor vehicle/ non-motor vehicle counting |
| Exception Detection | Scene change video blur, video color cast detection, and sound detection |
| Face Detection | Face detection and face capture |
| Alarm Triggers | Motion, Sensor Alarm, Analytics, SD card error |
| Image Settings | Watermark, IP address filtering, video mask, password protection |

## Operating & Unit Specifications

| | |
|---|---|
| Power | PoE, 12VDC (power supply not included) |
| Power Consumption | 8.0W (max) |
| Operating Temperature | -40°F ~ 140°F  (-40°C ~ 60°C) |
| Operating Humidity | Less than 95 % (non-condensing) |
| Unit Dimensions | 5.125" (Dia.) x 4.1" (H) |
| Unit Weight | 1.48 lbs. (0.67kg) |
| Certifications | FCC, RoHS |

## 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 |

## Cameras Interfaces

DC 12V | RJ45 PoE | Audio In | micro | Built-in mic

NDAA COMPLIANT

ONVIF® | GST

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