# IP

# 8MP IP Turret Camera with AI, Audio and Visual Deterrent

Integrated with CHeKT and immix

## O8TDD2M

2.8-12mm motorized lens, white housing

### Features

- Captures up to 8MP @ 30fps real time
- Built-in speaker with preset and custom sounds provides audio deterrence
- Built-in high-power red and blue lights provides visual deterrence
- White LED and IR range: up to 164 ft. (depending on scene reflection)
- True WDR operation
- Micro SD card slot (card not included)
- IP66 weather resistance
- Built-in standard PoE (IEEE 802.3af)
- Line crossing with counting/intrusion detection*
- Face/person/vehicle detection*
- Junction box included (works with NPT/BSP specifications)

*with compatible Speco recorder

NDAA COMPLIANT    Onvif    GMST

Junction Box Included

H.265 | TRUE WDR | DAY NIGHT | AI | PoE | DIGITAL DETERRENT

MICRO SD CARD SLOT | IP66 | OPERATES IN -40°F | DUAL LED | 5 YEAR WARRANTY

## Camera Specifications

| | |
|---|---|
| Image Sensor | Progressive scan 1/1.8" CMOS |
| Maximum Resolution | 3840x2160 (8MP) |
| Field of View | Horizontal: 113°~ 46°, Vertical: 59°~ 26° Diagonal: 136° ~ 54° |
| Minimum Illumination | 0.006lux @ F1.4(AGC ON); 0 lux @ LED ON |
| White Balance | Auto, indoor, outdoor, manual |
| Compensation | True WDR (120dB), BLC, HLC |
| Day/Night | Smart IR or supplemental white LED |
| Electronic Shutter Speed | 1/4s ~ 1/100000s |
| Angle Adjustment | Pan: 0° ~ 360°; tilt: 0° ~ 75°; Rotation: 0° ~ 360° |

## Interfaces

| | |
|---|---|
| Ethernet | RJ45 Jack, 10/100 Mbps, PoE |
| Power | 12VDC input jack |
| Audio Input | Built-in mic, 3.5mm input |
| Audio Output | Built-in speaker, 3.5mm output |
| Card slot | MicroSD, up to 256GB (not included) |
| Alarm | 1-CH alarm in, 1-CH alarm out |
| Reset | Yes |

## Client Specifications

| | |
|---|---|
| Web Browser Support | Google Chrome®, Microsoft Edge®, Internet Explorer®, Apple Safari® |
| PC Application | SecureGuard® VMS and SecureGuard® CMS |
| Mobile | SecureGuard® App, Speco Blue |

## Network Specifications

| | |
|---|---|
| Protocols | UDP, IPv4, IPv6, DHCP, NTP, RTSP |
| DDNS support | Speco DDNS (free of charge) |
| Security | User ID & password protection, IP/MAC address filtering, digest authentication |
| User Access | Max. 10 simultaneous users |

## Audio Specifications

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

## Other Specifications

| | |
|---|---|
| PoE | Standard (IEEE 802.3af) |
| Analytics | Motion detection, object abandoned/ missing detection, region entrance/ exiting/intrusion detection (face/people/ vehicle classification), line crossing detection (people/vehicle classification), video tampering detection, scene change detection. **All listed analytics may be triggered simultaneously, except face detection.** |
| Alarm Triggers | Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection |
| Alarm Events | FTP upload, email upload |
| Image Settings | Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction |

speco technologies

## Operating & Unit Specifications

| | |
|---|---|
| Power | PoE, 12VDC (power supply not included) |
| Power Consumption | 12.25W (max) |
| Operating Temperature | -40°F - 140°F |
| Operating Humidity | Less than 95% (non-condensing) |
| Unit Dimensions | 5.125"(Dia.) x 4.1"(H) |
| Unit Weight | 1.48 lb. |
| Certifications | FCC, ONVIF Profile G/M/S/T |

## Lens Recommendations

| | |
|---|---|
| 2.8-12mm (W) | Detect: 249 ft. / 76m<br>Observe: 102 ft. / 31m<br>Recognize: 49 ft. / 15m<br>Identify: 26 ft. / 8m |
| 2.8-12mm (T) | Detect: 614 ft. / 187m<br>Observe: 246 ft. / 75m<br>Recognize: 121 ft. / 37m<br>Identify: 62 ft. / 19m |

## Video Specifications

| | |
|---|---|
| Main Resolution | 3840x2160, 3200x1800, 2688x1520, 2560x1440 2304x1296, 1920x1080, 1280x720, D1, CIF, 480x240 @ 30fps |
| Substream | 1080p, 280x720, D1, CIF @ 30fps |
| Third Stream | 720p, D1, CIF, 480x240 @30fps |
| 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 |
| Bitrate Control | VBR, CBR (64Kbps ~ 8Mbps) |
| Multiple Streaming | 3 streams |
| Video Settings | Region of interest, privacy masking, brightness, contrast, hue, saturation, denoise, antiflicker, day/night mode, exposure, gain, corridor pattern, image flip/mirror |

## 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 | 3.5mm Audio Out | DC 12V | RJ45 PoE |
|---|---|---|---|
| Built-in Mic | Built-in Speaker | Alarm In/Out | micro SD up to 256GB |

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BLUE SERIES