



12MP IP Indoor/Outdoor 360° Fisheye Camera with People and Vehicle Detection - Includes Junction Box

O12MDP4

1.65mm fisheye lens, white housing

Features

- Captures up to a 360° view @ 30fps
- Provides a 360° view from ceiling or 180° view from wall
- De-warp views from the camera or recorder*
- Built-in standard PoE (IEEE 802.3af)
- Smart IR with range up to 100FT (depending on scene reflection)
- Micro SD card slot up to 256GB (card not included)
- Junction box included
- H.265/H.264/MJPEG compression supported
- IP67 Compliant, weather resistant
- 5 year warranty
- NDAA Compliant**



Camera Specifications

| | |
|--------------------------|--|
| Image Sensor | Progressive scan 1/1.7" CMOS, 12MP |
| Field of View | 180° (wall mounted); 360° (ceiling mounted) |
| Minimum Illumination | 0.01 lux @ F2.0, AGC ON; 0 lux with IR |
| Day/Night | Smart IR |
| White Balance | Auto, Indoor, Outdoor, Manual |
| Compensation | True WDR, BLC, HLC |
| Day/Night | White LED |
| Electronic Shutter Speed | 1/3 - 1/100000s |
| DNR | 3D DNR |

Video Specifications

| | |
|--------------------|--|
| Main Resolution | Mode 1 - Fisheye + Panoramic + 3 PTZ Fisheye view: 3000x3000 @ 20fps 2160x2160, 1920x1920, 1440x1440 (@ 30fps) Panoramic view: 4000x3000, 3840x2160 (@ 30fps) 3PTZ view: 1280x720 *3 (@ 15fps) |
| | Mode 2 - Fisheye + 4 PTZ Fisheye view: 3000x3000 @ 30fps 2160x2160, 1920x1920, 1440x1440 (@ 30fps) 4PTZ view: 1280x720 *4 (@ 15fps) |
| | Mode 3 - Fisheye + 4 PTZ Fusion Fisheye view: 3000x3000 @ 30fps 2160x2160, 1920x1920, 1440x1440 (@ 30fps) 4PTZ fusion view: 1280x720 (@ 20fps) |
| | |
| Compression | H.265, H.264, MJPEG |
| Bitrate Control | VBR, CBR (128Kbps - 16Mbps) |
| Multiple Streaming | 2 streams |

Audio Specifications

| | |
|-------------------|-------------------|
| Audio Compression | Audio Compression |
| Audio In/Out | 2-way audio ready |

Network Specifications

| | |
|--------------|--|
| Protocols | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTPS, QoS, HTTP Post |
| DDNS support | Speco DDNS (free of charge) |
| Security | User ID & Password protection, IP/MAC address filtering, digest authentication |
| User Access | Max. 6 simultaneous users. Actual number of users may vary depending on bandwidth. |

System Specifications

| | |
|----------------|---|
| PoE | Standard (IEEE 802.3af) |
| Alarm Triggers | Motion detection, sensor alarm, analytics |
| Alarm Events | MicroSD recording, FTP upload |
| Image Settings | Region of interest, saturation, brightness, chroma, contrast, noise reduction |
| Analytics | Mode 1 - Region intrusion/exiting people & vehicle, crowd density |
| | Mode 2 - People detection, crowd density, heat map |

Client Specifications

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

Interfaces

| | |
|------------------|-------------------------------------|
| Ethernet | 10/100 Mbps |
| Power | DC jack |
| Audio Output | 3.5mm |
| Microphone Input | 3.5mm + 2 Ch built-in mic |
| Card Slot | MicroSD, up to 256GB (not included) |
| Alarm | 1 Ch alarm input; 1 Ch alarm output |
| Video Output | CVBS output (BNC x 1) |
| Other | RS 485 (PTZ Control) |
| Reset | Yes |

Operating & Unit Specifications

| | |
|-----------------------|--|
| Power | PoE, 12VDC (power supply not included) |
| Power Consumption | 10.5W (max) |
| Operating Temperature | -40°F ~ 140°F |
| Operating Humidity | Less than 95 % (non-condensing) |
| Unit Dimensions | 5.11" (Dia.) x 1.82" (H) |
| Unit Weight | 1.13 lb. |
| Certifications | FCC, RoHS |

*With compatible Speco Blue Recorder

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

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



WMT2
Wall
Mount



CLT5
Ceiling
Mount

Cameras Interfaces



3.5mm
Audio In



3.5mm
Audio Out



DC 12V



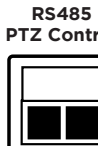
RJ45 PoE



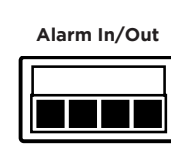
Built-in
mic



CVBS Out



RS485
PTZ Control



Alarm In/Out



Up to 256GB

