



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)
Compression	Mode 3 - Fisheye + 4 PTZ Fusion Fisheye view: 3000x3000 @ 30fps 2160x2160, 1920x1920, 1440x1440 (@ 30fps) 4PTZ fusion view: 1280x720 (@ 20fps)
	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

