



8MP (4K) IP Dome Camera with Advanced Analytics

O8D9M

2.8-12mm motorized lens, white housing

Features

- Supports up to 8MP @ 30fps
- Up to 4x optical zoom
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: 98' - 164' (depending on scene reflection)
- True WDR operation
- MicroSD card slot up to 256GB max (card not included)
- Line crossing, region intrusion and video blurring detection
- Face/people/vehicle/scene change detection*
- Built-in microphone
- Two-way audio support
- IP67 weather resistance
- IK10 vandal resistance
- Conformance with ONVIF Profile G/S/T
- Junction box included (works with NPT/BSP)
- 5 year warranty
- NDAA Compliant**

**With compatible Speco recorder

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



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 (120dB), BLC, HLC
Electronic Shutter Speed	1 sec. - 1/100000 sec.
DNR	3D DNR
Angle Adjustment	Pan 0° - 345°, tilt 0° - 77°, rotation 0° - 345°

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

Audio Specifications

Audio Codec	G.711A / G.711U
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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

Interfaces

Network	RJ45 jack
Power	DC jack
Microphone Input	3.5mm + built-in mic
Audio Output	3.5mm
Card Slot	MicroSD, up to 256GB (not included)
Video Out	CVBS output (BNC x 1)
Alarm	1-CH alarm input; 1-CH alarm output
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)

D.O.R.I. (m)

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



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	10.5W (max)
Operating Temperature	-40°F - 140°F (-40°C - 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	5.55" (Dia.) x 3.94" (H) (141mm x 100.2mm)
Unit Weight	1.96 lbs. (0.89kg)
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



WMT1
Wall Mount



CLT3
Ceiling Mount



FMT3
Flush Mount

Camera Interfaces

**3.5mm
Audio In**



DC 12V



RJ45 PoE



Built-in Mic



CVBS



Alarm In/Out



**micro
SD**



up to 256GB



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