



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

## O8D8M

2.8-12mm motorized lens, white housing



### Features

- Captures 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: up to 98' to 164' (depending on scene reflection)
- True WDR operation
- Micro SD card slot up to 256GB (card not included)
- Line crossing, region intrusion, and video blurring detection
- Face/Human/Vehicle/Scene Change Detection\*
- Built-in microphone
- Two-way audio support
- IP67 Weather Resistance
- IK10 Vandal Resistance
- Junction box included (works with NPT/BSP specifications)
- 5 year warranty
- NDAA Compliant\*\*



### 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)	(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° - 345°, Tilt 0° - 77°, Rotation 0° - 345°

### Video Specifications

Main Stream Resolution	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~30fps)
Sub Stream Resolution	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

### 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

### Audio Specifications

Audio Compression	G.711A / G.711U
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### Client Specifications

Web Browser Support	Chrome, Edge, Safari, Internet Explorer
PC Application	SecureGuard® VMS, SecureGuard® CMS
Mobile	SecureGuard® Client (iPhone® and Android™)
Other Viewing Platforms	Apple TV®, Amazon Fire TV®

### System Specifications

PoE	Standard (IEEE 802.3af)
Perimeter Protection	Line crossing, 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 and video color cast 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

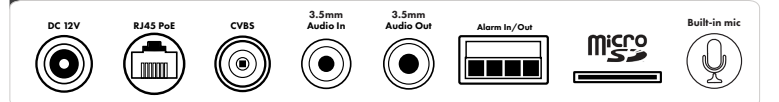
### Operating & Unit Specifications

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) (141 mm x 100.2mm)
Unit Weight	1.96 lbs. (0.89kg)
Certifications	FCC, RoHS

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



### Cameras Interfaces



### Optional Accessories



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Apps available from the following:



ONVIF® 800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com

