



8MP (4K) H.265 IP Dome Camera with Advanced Analytics

O8D8

2.8mm fixed lens, white housing

Features

- Captures up to 8MP @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: up to 98' (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
- Built-in microphone
- Conformant with ONVIF Profile G/S/T
- Face Detection and Capture*
- People, and Vehicle detection and counting*
- IP67 Weather Resistance
- IK10 Vandal Resistance
- Junction box included
- 5 year warranty
- NDAA Compliant**



Included Junction Box



Camera Specifications

Image Sensor	Progressive scan 1/2.8" CMOS, 8MP
Maximum Resolution	3840 x 2160 (8MP)
Minimum Illumination	0.02lux @ F1.6, AGC ON; 0 lux with IR
Field of View	(H):106.9°; (V): 56.9°; (D): 127.9°
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° - 355°, Tilt 0° - 67°, Rotation 0° - 180°

Interfaces

Network	RJ45 jack
Power	DC jack
Audio	3.5mm input + built-in mic
Card Slot	MicroSD, up to 256GB (not included)
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™)

Audio Specifications

Audio Codec	G.711A / G.711U
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D.O.R.I. (m)

Detection (25px/m)	272ft (83.0m)
Observation (63px/m)	108ft (33.0m)
Recognition (125px/m)	56ft (17.0m)
Identification (250px/m)	26ft (8.0m)

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

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

Video Specifications

Main Resolution	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1-30fps)
Sub Stream	1080P/720P/D1/480 x 240 (1-30fps)
Third Stream	720P/D1/CIF/480x240 (1-30fps)
Compression	H.265, H.264, MJPEG
Bitrate Control	VBR, CBR (64Kbps - 12Mbps)
Multiple Streaming	3 streams

System Specifications

PoE	Standard (IEEE 802.3af)
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (people/vehicle/motorcycle/bicycle) detection, loitering
Target Counting	Line crossing people/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

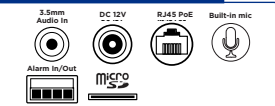
Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	9.0W (max)
Operating Temperature	-40°F - 140°F (-40°C - 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	4.68" (Dia.) x 3.45" (H)
Unit Weight	1.43 lbs.
Certifications	FCC, ONVIF

Optional Accessories



Cameras Interfaces



Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 3/29/24

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