



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

## O8B8M

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 229' (depending on scene reflection)
- True WDR operation
- Micro SD card slot up to 256GB (card not included)
- Conformant with ONVIF G/S/T
- Line crossing, region intrusion, and video blurring detection
- Face/People/Vehicle/Scene Change Detection\*
- Two-way audio support
- IP67 Weather Resistance
- Junction box included (works with NPT/BSP specifications)
- 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	0.015lux @ 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 / BLC / HLC
Electronic Shutter Speed	1 sec. - 1/1000000 sec.
DNR	3D DNR
Angle Adjustment	Pan 0° - 360°, Tilt 0° - 90°, Rotation 0° - 360°

### Interfaces

Network	RJ45 jack
Power	DC jack
Microphone Input	3.5mm
Audio Output	3.5mm
Card Slot	MicroSD, up to 256GB (not included)
Video Out	CVBS output (BNC x 1)
Alarm	1CH alarm input; 1CH 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™)
Other Viewing Platforms	Apple TV®, Amazon Fire TV®

### D.O.R.I. (m)

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

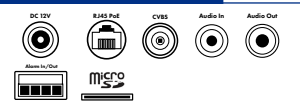
\*with compatible Speco recorder

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

### Optional Accessories



### Cameras Interfaces



### 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

### Audio Specifications

Audio Codec	G.711A / G.711U
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### Video Specifications

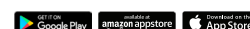
Main Resolution	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1-30fps)
Sub Stream	720P/D1/480 x 240 (1-30fps)
Third Stream	D1/CIF/480x240 (1-30fps)
Compression	H.265, H.264
Bitrate Control	VBR, CBR (64Kbps - 12Mbps)
Multiple Streaming	3 streams

### 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 people/motor vehicle motorcycle/bicycle
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	< 12W
Operating Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	3.93" (W) x 11.0" (D) x 3.5" (H); (100.3mm x 279.5mm x 88.9mm)
Unit Weight	2.2 lbs. (1.0kg)
Certifications	FCC, RoHS



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. 4/5/24

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