



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

## O8B9

2.8mm fixed lens, white housing

### Features

- Supports up to 8MP @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: 165' (depending on scene reflection)
- True WDR operation
- MicroSD card slot up to 256GB max (card not included)
- Conformant with ONVIF Profile G/S/T
- Face detection and capture\*
- Face, people & vehicle detection
- IP67 weather resistance
- 5 year warranty
- NDAA Compliant\*

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



Junction Box Included



### 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° - 360°, tilt 0° - 90°, rotation 0°- 360°

### 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

### Audio Specifications

Audio Codec	G.711A / G.711U
-------------	-----------------

### 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
Audio	3.5mm input
Card Slot	MicroSD, up to 256GB (not included)
Alarm	No
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)	272 ft. (83.0m)
Observation (63px/m)	108 ft. (33.0m)
Recognition (125px/m)	56 ft. (17.0m)
Identification(250px/m)	26 ft. (8.0m)

## 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, 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	8.54" (L) x 3.16" (W) x 3.16" (H)
Unit Weight	1.43 lbs.
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




**O5VLWMJ**  
Wall Mount




**CLT2J**  
Ceiling Mount

## Camera Interfaces


**3.5mm  
Audio In**




**DC 12V**



**RJ45 PoE**



**micro  
SD**  
up to 256GB





Products are in compliance with NDAA Section 889 Part B Guidelines. ONVIF is a trademark of Onvif, Inc. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android, Google Play and the Google Play logo are trademarks of Google Inc. Amazon's trademark is used under license from Amazon.com, Inc. or its affiliates. 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.

Revised 9/3/24

