



# 8MP (4K) IP Bullet Camera with Line Crossing and Intrusion Detection

## O8VB3M

2.8-12mm motorized lens, white housing

### Features

- Supports up to 8MP @ 20fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: 165' (depending on scene reflection)
- True WDR
- MicroSD card slot up to 256GB max (card not included)
- Conformant with ONVIF Profile G/S/T
- Line crossing, region intrusion and scene change detection\*
- IP67 weather resistance
- Junction box included
- 5 year warranty
- NDAA Compliant\*\*

\*With compatible Speco recorder

\*\*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	0.02 lux @ F1.6, AGC ON; 0 lux with IR
Field of View	99° - 34° (H) ; 53° - 18° (V) ; 115° - 36°(D)
Image Settings	Region of interest, saturation, brightness, chroma, contrast, wide dynamic, defog, sharpen, noise reduction, corridor mode
Day/Night	Smart IR
Compensation	True WDR / BLC / HLC
Electronic Shutter Speed	1 - 1/100000 sec.
DNR	3D DNR
Angle Adjustment	Pan 0° - 360°, tilt 0° - 90°, rotation 0°- 360°

### Video Specifications

Main Stream Resolution	8MP/(1-20fps), 6MP/5MP/4M/2K/3MP/2MP/720p (1-30fps)
Sub Stream Resolution	720P(1-12fps)/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

### Audio Specifications

Audio Compression	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. 3 simultaneous users (actual number of users may vary depending on bandwidth)

### Interfaces Specifications

Network	RJ45 jack
Power	DC jack
Microphone Input	3.5mm
Card Slot	MicroSD, up to 256GB (not included)
Alarm	No
Reset	Yes

### Client Specifications

Web Browser Support	Chrome, Edge, Safari, Firefox, Windows (Internet Explorer 8 and up)
PC Application	SecureGuard® VMS, SecureGuard® CMS
Mobile	SecureGuard® Client, Speco Blue (iPhone® and Android™)

## System Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Line crossing, object detection, region intrusion, people/vehicle detection and video blurring detection
Alarm Triggers	Motion, analytics, SD card error
Security Settings	Watermark, IP address filtering, video mask, password protection

## Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	<10.0W
Operating Temperature	-40°F - 140°F (-40°C - 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	8.57" (L) x 3.16"(W) x 3.15"(H); 217.8 x 80.5 x 80.3
Unit Weight	1.45 lbs. (0.62kg)
Certifications	FCC

## 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

## Camera Interfaces


DC 12V




RJ45 PoE



3.5mm  
Audio In





**microSD**  
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. 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 9/10/24

