



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

## O8VB3

2.8mm fixed lens, white housing

### Features

- Supports up to 8MP @ 20fps
- H.265/H.264/MJPEG compression supported
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: 100' (depending on scene reflection)
- True WDR
- MicroSD card slot up to 256GB max (card not included)
- Line crossing, region intrusion and video blurring detection\*
- Conformant with ONVIF Profile G/S/T
- Face with mask detection and capture\*
- IP67 weather resistance
- 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	108.9° (H); 76.4° (V); 116.2° (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

### Video Specifications

Main Stream Resolution	8MP/(1-20fps), 6MP/5MP/4M/2K/3MP/2MP/720p @30fps
Sub Stream Resolution	720P/D1/480x240(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

### Audio Specifications

Audio Compression	G.711A / G.711U
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### 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
Card Slot	MicroSD, up to 256G (not included)
Alarm	No
Reset	Yes

### Client Specifications

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

### System Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Motion, exception, line crossing, 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	<7W
Operating Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	2.93" (W) x 2.93" (H) x 6.59" (D); (74.5mm x 74.5mm x 167.5mm)
Unit Weight	0.93 lbs. (0.44kg)
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



**O5VLWMJ**  
Wall Mount




**CLT2J**  
Ceiling Mount




**JB2**  
Optional  
Junction Box


### Camera Interfaces




DC 12V



RJ45 PoE



3.5mm  
Audio In



**microSD**  
up to 256GB