



8MP (4K) IP Bullet Camera with Line Crossing and Intrusion Detection, NDAA Compliant

O8VB3

2.8mm fixed lens, white housing

Features

- Captures 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: up to 100' (depending on scene reflection)
- True WDR
- Micro SD card slot up to 256GB (card not included)
- Line crossing, region intrusion and video blurring detection*
- Conformant with ONVIF Profile G/S/T
- IP67 Weather Resistance
- 5 year warranty



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 - 1/1000000 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 |

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) |

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

Interfaces

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

Audio Specifications

| | |
|-------------------|-----------------|
| Audio Compression | G.711A / G.711U |
|-------------------|-----------------|

Client Specifications

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

System Specifications

| | |
|-------------------|---|
| PoE | Standard (IEEE 802.3af) |
| Analytics | Motion, Exception, Line Crossing, Region Intrusion and video blurring detection |
| Alarm Triggers | Motion, Analytics, SD card error |
| Security Settings | Watermark, IP address filtering, video mask, password protection |

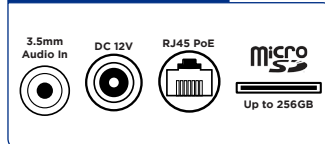
Operating & Unit Specifications

| | |
|-----------------------|--|
| 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



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. 8/29/23

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