



2MP H.265 IP Bullet Camera

O2VB1

2.8mm fixed lens, white housing



Features

- Captures up to 2MP @ 30fps
- H.265/H.264/MJPEG compression supported
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Digital WDR
- IR range: Up to 100' (depending on scene reflection)
- 3.5mm mic input
- Micro SD card slot up to 128GB (card not included)
- ONVIF Profile T Compliant
- Line crossing, region intrusion and video blurring detection
- IP67 compliant, weather resistant
- Junction box included (works with NPT/BSP specifications)
- 5 year warranty



Camera Specifications

| | |
|--------------------------|--|
| Image Sensor | Progressive scan 1/2.9" CMOS, 2MP |
| Maximum Resolution | 1920 x 1080 (2MP) |
| Field of View | 107° (H) |
| Minimum Illumination | 0.013 lux @ F2.0, AGC ON, 0 lux with IR |
| Video Settings | Region of Interest, Privacy masking, Brightness, Contrast, Hue, Saturation, Denoise, Antiflicker, Day/Night mode, Infrared settings, Exposure, Gain, Corridor Pattern, Image flip/mirror |
| Day/Night | Smart IR up to 100' (depending on scene reflection) |
| Compensation | Digital WDR, BLC, HLC |
| Electronic Shutter Speed | 1/25 - 1/100000 sec. |
| DNR | 3D DNR |
| Angle Adjustment | Pan 0° ~ 360°, Tilt 0° ~ 80°, Rotation 0° ~ 360° |

Video Specifications

| | |
|------------------------|------------------------------|
| Main Stream Resolution | 1920x1080 / 1280x720 @ 30fps |
| Sub Stream Resolution | D1, CIF, 480x240 @ 30fps |
| Compression | H.265, H.264, MJPEG |
| Bitrate Control | VBR, CBR (64Kbps ~ 6Mbps) |
| Multiple Streaming | 2 streams |

Network Specifications

| | |
|--------------|---|
| Protocols | UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, 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 |

Audio Specifications

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

Interfaces

| | |
|------------------|-------------------------------------|
| Ethernet | RJ45 Jack |
| Power | DC jack |
| Microphone Input | Mono 3.5mm |
| Card Slot | MicroSD, up to 128GB (not included) |
| Alarm In/Out | No |
| Reset | Yes |

System Specifications

| | |
|------------------|--|
| PoE | Standard (IEEE 802.3af) |
| Detection Events | Line crossing, region intrusion and video blurring detection |
| Alarm Triggers | Motion, Detection Events, SD card error |
| Image Settings | Watermark, IP address filtering, video mask, password protection |

Client Specifications

| | |
|---------------------|--|
| Web Browser Support | Windows (Internet Explorer 8 and up) |
| PC Application | SecureGuard® VMS, SecureGuard® CMS |
| Mobile | SecureGuard® Client, Speco Blue (iPhone® and Android™) |
| Other Platforms | Apple TV, Amazon Fire TV |

Operating & Unit Specifications

| | |
|-----------------------|--|
| Power | PoE, 12VDC (power supply not included) |
| Power Consumption | < 5.5W |
| Operating Temperature | -40°F ~ 140°F |
| Operating Humidity | Less than 95 % (non-condensing) |
| Unit Dimensions | 2.93" (W) x 2.93" (H) x 6.59" (D) |
| Unit Weight | 0.93 lb. |
| Certifications | FCC, RoHS |

Optional Accessories



Cameras Interfaces



ONVIF is a trademark of Onvif, Inc. Chrome and Firefox use Java which requires an initial internet connection. 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. Spec Rev. 8/22/22

Apps available from the following:



800-645-5516 • Fax: 631-957-9142 or 631-957-3880 • specotech.com

speco technologies®