



# 2MP IP Bullet Camera, NDAA Compliant

## O2VB1N

2.8mm fixed lens, white housing



### Features

- Captures up to 2MP @ 30fps
- H.265/H.264 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 1/2.8" CMOS, 2MP
Maximum Resolution	1920 x 1080 (2MP)
Field of View	105.4° (H); 72.9° (V); 112.8° (D)
Minimum Illumination	0.009 lux @ F1.6, 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 - 1/1000000 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 @ 30fps
Thirs Stream Resolution	D1, CIF, 480 x 240 @ 30fps
Compression	H.265, H.264, MJPEG
Bitrate Control	VBR, CBR (64Kbps ~ 6Mbps)
Multiple Streaming	3 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
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### 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

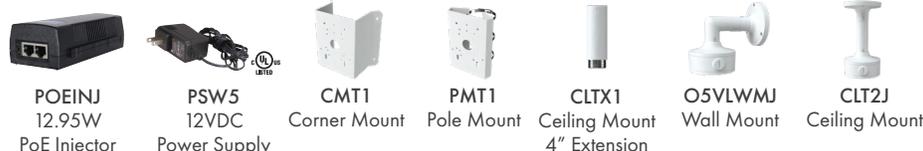
### Client Specifications

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

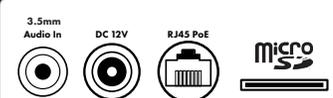
### Operating & Unit Specifications

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



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Apps available from the following:



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

