IP

8MP (4K) IP Dome Camera with Analytics and Junction Box, NDAA Compliant

O8VD2
2.8mm fixed lens, white housing

IR | **4K** | **H.265** | **DAY NIGHT** | **ANALYTICS** | **PoE** | **MICRO SD SLOT** | **IP67** | **IK10**

Features

- Captures up to 8MP @ 20fps
- Built-in standard PoE (IEEE 802.3af)
- H.265/H.264/MJPEG compression supported
- True Day/Night operation (IR cut filter)
- IR range: Up to 100' (depending on scene reflection)
- Micro SD slot up to 256GB (card not included)
- True WDR

- Line crossing, region intrusion and video blurring detection
- Built-in microphone
- IP67 compliant, weather resistant
- IK10 compliant, vandal resistant
- Junction box included (works with NPT/BSP specifications)
- Conformant with ONVIF Profile T
- 5 year warranty

OPERATES IN -40°F

Included Junction Box

Camera Specifications

Image Sensor	Progressive scan 1/2.8" CMOS, 8MP
Maximum Resolution	3840 x 2160 (8MP)
Field of View	108.9°(H); 76.4°(V); 116.2°(D)
Minimum Illumination	0.02 lux @ F1.6, AGC ON, 0 lux with IR
Day/Night	Smart IR
White Balance	Auto, Indoor, Outdoor, Manual
Compensation	True WDR, BLC, HLC
Electronic Shutter Speed	1 - 1/100000 sec.
DNR	3D DNR
Angle Adjustments	Pan 0° ~ 355°, Tilt 0° ~ 67°, Rotation 0° ~ 180°

Video Specifications

Main Resolution	8MP/ (1 ~ 20fps) 6MP/5MP/4MP/2K/3MP/2MP/720p @30fps
Sub Stream	720p/D1/480x240 (1 ~ 30fps)
Third Stream	D1/CIF/480 x 240 (1 ~ 30fps)
Compression	H.265, H.264, MJPEG
Image Settings	Region of Interest, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Defog, Sharpen, Noise Reduction, Corridor mode
Bitrate Control	VBR, CBR (64Kbps ~ 12Mbps)

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)

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

Audio Specifications

Audio Codec	G.711A / G.711U

Interfaces

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

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

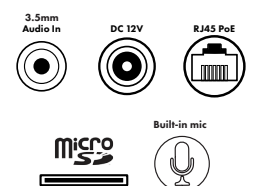|	
Power	PoE, 12VDC (power supply not included)
Power Consumption	< 7.0W
Operating Temperature	-40°F ~ 140°F (40°C ~ 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	4.68" (φ) x 3.45" (H); 119mm (φ) x 87.8mm (H)
Unit Weight	1.41 lbs. (0.64kg)
Certifications	FCC, RoHS

NDAA COMPLIANT

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

Optional Accessories

| CMT1 Corner Mount | PMT1 Pole Mount | O5VLWMJ Wall Mount | CLT2J Ceiling Mount | FMT1 Flush Mount | POEINJ 25.5W PoE Injector | PSW5 12VDC Power Supply | CLTX1 Ceiling Mount 4" Extension | CLTX2 Ceiling Mount 8" Extension |

Camera Interfaces

3.5mm Audio In | DC 12V | RJ45 PoE

microSD | Built-in mic

Apps available from the following:

Download on the App Store | GET IT ON Google Play | available at amazon appstore

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

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