IP

8MP (4K) IP Dome Camera with Line Crossing & Intrusion Detection

O8VD3
2.8mm fixed lens, white housing

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
- Conformant with ONVIF Profile G/S/T
- 5 year warranty
- NDAA Compliant**

*With compatible Speco recorder
**Products are in compliance with NDAA Section 889 Part B Guideline

Junction Box Included

IR | 4K | H.265 | DAY NIGHT | PoE | MICRO SD CARD SLOT | IP67 | OPERATES IN -40°F

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)

Audio Specifications

Audio Codec	G.711A / G.711U

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 256GB (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™)

speco technologies

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	< 7.0W
Operating Temperature	-40°F ~ 140°F (40°C ~ 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	4.68" (Dia.) x 3.45" (H); 119mm (Dia.) x 87.8mm (H)
Unit Weight	1.41 lbs. (0.64kg)
Certifications	FCC, RoHS

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

FMT1
Flush Mount

JB2
Junction Box
(included)

Camera Interfaces

DC 12V

RJ45 PoE

3.5mm Audio In

Built-in Mic

micro SD
up to 256GB

BLUE SERIES