



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

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)
- Digital 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



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	Digital 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
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	Chrome, Edge, Safari, Firefox
PC Application	SecureGuard® VMS, SecureGuard® CMS
Mobile	SecureGuard® App, Speco Blue (iPhone® and Android™)

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
Image Settings	Watermark, IP address filtering, video mask, password protection, Corridor mode

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

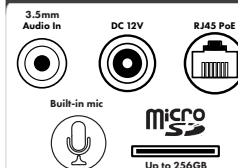
*With compatible Speco Blue Recorder
**Products are in compliance with NDAA Section 889 Part B Guidelines



Optional Accessories



Camera 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. 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. 7/20/23

Apps available from the following:



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

