



8MP H.265 IP Dome Camera with Advanced Analytics

O8D7M

2.8-12mm motorized lens, white housing



Features

- Captures up to 8MP @ 30fps
- H.265/H.264 compression supported
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: up to 164' (depending on scene reflection)
- True WDR operation
- Micro SD card slot up to 128GB (card not included)
- Line crossing, region intrusion and video blurring detection
- ONVIF Profile T Compliant
- Face Detection and Capture*
- Human/Vehicle detection and counting*
- Built-in microphone
- IP67 Weather Resistance
- IK10 Vandal Resistance
- Junction box included (works with NPT/BSP specifications)
- 5 year warranty

*with compatible Speco recorder



Camera Specifications

Image Sensor	Progressive scan 1/1.8" CMOS, 8MP
Maximum Resolution	3840 x 2160 (8MP)
Minimum Illumination	0.01lux @ F1.5, AGC ON; 0 lux with IR
Field of View (H)	(H): 96° ~ 45.6°; (V): 64° ~ 26.6°; (D): 103.8° ~ 51.5°
Image Settings	Region of interest, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Defog, Sharpen, Noise Reduction, Corridor Mode (Image rotation)
Day/Night	Smart IR with cut filter
Compensation	True WDR / BLC / HLC
Electronic Shutter Speed	1/25 ~ 1/100000 sec.
DNR	3D DNR
Angle Adjustment	Pan 0° - 345°, Tilt 0° - 77°, Rotation 0° - 345°

Video Specifications

Main Stream Resolution	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1~30fps)
Sub Stream Resolution	1080P/720P/D1/480 x 240 (1~30fps)
Third Stream	720P/D1/CIF/480x240 (1~30fps)
Compression	H.265, H.264
Bitrate Control	VBR, CBR (64Kbps ~ 8Mbps)
Multiple Streaming	3 streams

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 + built-in mic
Audio Output	3.5mm
Card Slot	MicroSD, up to 128GB (not included)
Video Out	CVBS output (BNC x 1)
Alarm	1 CH alarm input; 1 CH alarm output
Reset	Yes

Audio Specifications

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

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 Viewing Platforms	Apple TV®, Amazon Fire TV®

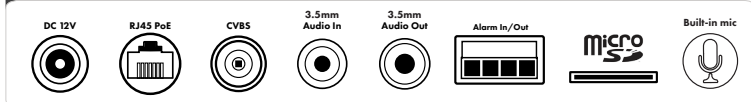
System Specifications

PoE	Standard (IEEE 802.3af)
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/motorcycle/bicycle) detection
Target Counting	Line crossing human/motor vehicle/motorcycle/bicycle counting
Exception Detection	Scene change video blur and video color cast detection
Face Detection	Face detection and face capture
Alarm Triggers	Motion, Sensor Alarm, 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	<8.0W
Operating Temperature	-40°F ~ 140°F (-40°C ~ 60°C)
Operating Humidity	Less than 95 % (non-condensing)
Unit Dimensions	5.55" (Dia.) x 3.94" (H) (141mm x 100.2mm)
Unit Weight	1.96 lbs. (0.89kg)
Certifications	FCC, RoHS

Cameras Interfaces



Optional Accessories



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. 1/4/22

Apps available from the following:



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

speco technologies®