IP

8MP (4K) IP Dome Camera with **Advanced Analytics, NDAA Compliant**

O8D8M

2.8-12mm motorized lens, white housing

Features

- Captures up to 8MP @ 30fps
- Up to 4x optical zoom
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR range: up to 98' to 164' (depending on scene reflection)
- True WDR operation
- Micro SD card slot up to 256GB (card not included)
- Conformant with ONVIF G/S/T

Camera Specifications

Image Sensor Maximum Resolution

Field of View

Image Settings

Compensation Electronic Shutter Speed

Angle Adjustment

Microphone Input

Client Specifications Web Browser Support

Other Viewing Platforms

Observation (63px/m)

Recognition (125px/m)

Identification(250px/m)

Audio Output

PC Application

D.O.R.I. (m) Detection (25px/m)

Card Slot

Video Out

Alarm

Reset

Mobile

Interfaces Network

Dav/Night

DNR

Power

Minimum Illumination

- Line crossing, region intrusion, and video blurring detection
- Face/People/Vehicle/Scene Change Detection*
- Built-in microphone
- Two-way audio support
- IP67 Weather Resistance
- IK10 Vandal Resistance
- Junction box included (works with NPT/BSP specifications) 5 year warranty
- NDAA Compliant**

Progressive scan 1/2.8" CMOS, 8MP

(H): 96° ~ 32°; (V): 64° ~ 18.4°;

0.015lux @ F1.4, AGC ON; 0 lux with IR

Region of interest, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Defog, Sharpen, Noise Reduction, Corridor Mode

3840 x 2160 (8MP)

(D): 103.8° ~ 36.5°

(Image rotation)

Smart IR with cut filter True WDR (120dB), BLC, HLC

1 sec. - 1/100000 sec.

Rotation 0°- 345°

3.5mm + Built-in mic

CVBS output (BNC x 1)

(iPhone® and Android™)

Apple TV[®], Amazon Fire TV[®]

MicroSD, up to 256GB (not included)

1CH alarm input; 1CH alarm output

Chrome, Edge, Safari, Internet Explorer

SecureGuard® VMS. SecureGuard® CMS SecureGuard® Client, Speco Blue

Wide 185ft(85m), Telephoto 63ft(17m)

Wide 93ft(34m), Telephoto 26ft(8m)

Wide 241ft(116m), Telephoto 84ft(29m)

Wide 552ft(289m), Telephoto 136ft(58m)

Pan 0° - 345°, Tilt 0° - 77°,

3D DNR

RJ45 jack DC iack

3.5mm

Yes



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
Audio Specifications	
Audio Codec	G.711A / G.711U
Video Specifications	
Main Resolution	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (1-30fps)
Sub Stream	720P/D1/480 x 240 (1~30fps)
Third Stream	D1/CIF/480x240 (1-30fps)
Compression	H.265, H.264, MJPEG
Bitrate Control	VBR, CBR (64Kbps ~ 12Mbps)
Multiple Streaming	3 streams
System Specifications	
PoE	Standard (IEEE 802.3af)
Perimeter Protection	Line crossing, loitering, region entrance/exiting/ intrusion (human/motor vehicle/non-motor classification)
Target Counting	Line crossing human/motor vehicle/ non-motor vehicle counting
Exception Detection	Scene change video blur, video color cast detection, and sound 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
Operating & Unit Spec	
Power	PoE, 12VDC (power supply not included)
Power Consumption	10.5W (max)
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

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



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. 4/5/24

