



# 4K (8MP) Flexible Intensifier® IP Dome Camera with Advanced Analytics, NDA A Compliant

## O8FD1M

2.8-12mm motorized, dark gray housing



### Features

- Flexible Intensifier® Technology to fit any lighting application
- Captures up to 8MP @ 30fps real time
- Captures color in extreme low light conditions and monochrome in absolute darkness.
- IR range: up to 164' (depending on scene reflection)
- True WDR operation
- Micro SD card slot (card not included)
- Conformant with ONVIF Profiles G, S, T
- IP67 Weather Resistance
- IK10 Vandal Resistance
- Built-in standard PoE (IEEE 802.3af)
- Line crossing with counting/Intrusion detection\*
- Face/Person/Vehicle detection\*
- Junction box included
- 5 year warranty

\*with compatible Speco Blue recorder  
\*\*Products are in compliance with NDA A Section 889 Part B Guidelines



Included Junction Box

### Camera Specifications

Image Sensor	Progressive scan 1/1.8"CMOS
Maximum Resolution	3840 x 2160
Field of View	Horizontal: 108° ~ 45.5°; Vertical: 58° ~ 25.5°; Diagonal: 131° ~ 53°
Minimum Illumination	0.006 lux@F1.4, AGC ON; 0 lux with IR
White Balance	Auto, Indoor, Outdoor, Manual
Compensation	True WDR (120dB), BLC, HLC
Day/Night	Smart IR
Electronic Shutter Speed	1/2s ~ 1/100000s
DNR	3D DNR
Angle Adjustment	Pan: 0° ~ 345°; Tilt: 0° ~ 77°; Rotation: 0° ~ 345°

### Video Specifications

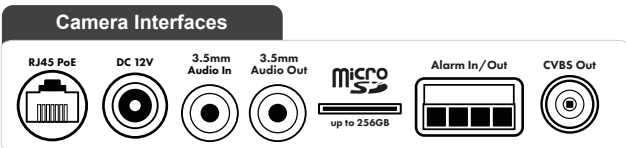
Main Resolution	8MP (3840x2160), 3072x2048, 2592x1944, 2560x1440, 2304x1296, 1920x1080, 1280x720, D1, CIF, 480x240, up to 30fps
Sub Stream	1080p, 720p, D1, CIF, 480x240, up to 30fps
Third Stream	D1, VGA, CIF, 240x480, up to 30fps
Bitrate Control	VBR, CBR (64Kbps ~ 8Mbps)
Multiple Streaming	3 streams
Video Settings	Region of Interest, Privacy masking, Brightness, Contrast, Hue, Saturation, Denoise, Antiflicker, Day/Night mode, Exposure, Gain, Corridor Pattern, Image flip/mirror

### Audio Specifications

Audio Compression	G.711A / G.711U
Audio input	Built-in mic and 3.5mm input
Audio output	3.5mm output

### Interfaces

Ethernet	RJ45 Jack, 10/100 Mbps, PoE
Power	12VDC input jack
Video	CVBS out (BNC)
Audio	Built-in mic, 3.5mm input, 3.5mm output
Card slot	MicroSD, up to 256GB (not included)
Alarm	1CH alarm input; 1CH alarm output
Reset	Yes



### Network Specifications

Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTP, HTTPS
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)

### System Specifications

PoE	Standard (IEEE 802.3af)
Analytics	Motion detection, region entrance/exiting/intrusion detection (people/vehicle classification), line crossing detection (people/vehicle classification), video tampering detection, scene change detection, face detection, face capture, target counting, heat temperature
Alarm Triggers	Motion, Analytics, Sensor detection, SD card error, SD card full, IP address conflict, cable disconnection
Alarm Events	FTP upload, email upload
Image Settings	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction

### Client Specifications

Web Browser Support	Google Chrome, Microsoft Edge, Internet Explorer, Apple Safari, Firefox
PC Application	SecureGuard® VMS and SecureGuard CMS
Mobile	SecureGuard App, Speco Blue (iOS & Android)

### Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	9.0W (max)
Operating Temperature	-40°F - 140°F
Operating Humidity	less than 95% (non-condensing)
Unit Dimensions	5.55"(Φ) x 3.94"(H)
Unit Weight	2.05 lbs.
Certifications	FCC, RoHS

\*Products are in compliance with NDA A Section 889 Part B Guidelines



### Optional Accessories



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