



8MP (4K) Flexible Intensifier® IP Dome Camera with Advanced Analytics

Integrated with **immix**

O8FD1M

2.8-12mm motorized lens, 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 ft. (depending on scene reflection)
- True WDR operation
- Micro SD card slot (card not included)
- Built-in standard PoE (IEEE 802.3af)
- Line crossing with counting/Intrusion detection*
- Face/People/Vehicle detection*

NDA COMPLIANT ONVIF | GMSH



Junction Box
Included



Camera Specifications

Image Sensor	Progressive scan 1/1.8" CMOS
Maximum Resolution	3840 x 2160 (8MP)
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°

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	1-CH input/1-CH output
Reset	Yes

Client Specifications

Web Browser Support	Google Chrome®, Microsoft Edge®, Internet Explorer®, Apple Safari®, Fire Fox®
PC Application	SecureGuard® VMS and SecureGuard® CMS
Mobile	SecureGuard® App, Speco Blue

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, Watermark, and illegal login lock
User Access	Max. 10 simultaneous users actual number of users may vary depending on bandwidth

Audio Specifications

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

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. All listed analytics may be triggered simultaneously, except face detection.
Alarm Triggers	Motion detection, 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

Operating & Unit Specifications

Power	PoE, 12VDC (power supply not included)
Power Consumption	12W (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, ONVIF Profile G/M/S/T

Video Specifications

Main Resolution	8MP/6MP/4MP/2K/3MP/1080p, 2560x1440, 2304x1296, 1920x1080, 1280x720, D1, CIF, 480x240 @ 30fps
Substream	1080p, 720p, D1, CIF, 480x240 @ 30fps
Third Stream	D1, CIF, 480x240 @ 30fps
Compression	Main stream: H.265+ /H.265 /H.264+ /H.264 /MJPEG Sub stream: H.265+ /H.265 /H.264+ /H.264 /MJPEG Third stream: H.265+ / H.265 /H.264+ /H.264 /MJPEG
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

Optional Accessories



POEINJ
25.5W
PoE Injector



PSW5
12VDC
Power Supply



CMT1G
Corner Mount



PMT1G
Pole Mount



WMT1G
Wall Mount



FMT1
Flush Mount

Camera Interfaces

3.5mm
Audio In



3.5mm
Audio Out



DC 12V



RJ45 PoE



CVBS Out



Alarm
In/Out



micro
SD
up to
256GB

