

IP

# 8MP IP Mini-Dome Camera with Advanced Analytics

## O8P4N

2.8mm fixed lens, white housing

### Features

- Supports up to 8MP @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- H.265/H.264/MJPEG compression supported
- True Day/Night operation (IR cut filter)
- Adaptive IR LEDs reduce IR saturation
- Smart IR Range up to 98 ft.
- Micro SD slot up to 256GB (card not included)
- Junction box included (works with NPT/BSP specifications)

\*with compatible Speco Blue recorder

**NDAACOMPLIANT** **ONVIF®** **GMST**



### Camera Specifications

Image Sensor	Progressive scan 1/2.8" CMOS
Maximum Resolution	3840 x 2160 (8MP)
Field of View	Horizontal: 104°, vertical: 55°, Diagonal: 125°
Minimum Illumination	0.02lux @ F1.6(AGC ON) ; 0 lux with IR
White Balance	Auto, indoor, outdoor, manual
Compensation	True WDR (120dB)
Day/Night	ICR
Electronic Shutter Speed	1/3s ~ 1/100000s
Angle Adjustment	Pan: 0° ~ 360°; tilt: 0° ~ 70°; rotation: 0° ~ 350°

### Interfaces

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

### Client Specifications

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

### Network Specifications

Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, 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

### Audio Specifications

Audio Compression	G.711A / G.711U
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### Other Specifications

PoE	Standard (IEEE802.3af)
Analytics	Motion detection, object abandoned/missing detection, region entrance/exiting/intrusion detection (face/people/vehicle classification), line crossing detection (people/vehicle classification), video tampering detection, scene change detection, and Face Detection. 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	7W (max)
Operating Temperature	-22°F - 140°F
Operating Humidity	Less than 95% (non-condensing)
Unit Dimensions	4.346"Ø x 2.441"(H)
Unit Weight	0.93 lbs.
Certifications	FCC, CE

## Video Specifications

Main Resolution	8mp (3840 x 2160), 6MP (3072 x 2048) 5MP (2592 x 1944), 4MP (2592 x 1520) 2K (2560 x 1440), 3MP (2304 x 1296) 1080P (1920 x 1080), 720P (1280 x 720) CIF, D1, VGA @ 30fps
Substream	1280x720, D1, CIF @ 30fps
Third Stream	D1, CIF, 480x240 @30fps
Compression	Main Stream: H.265+, H.265, H.264+, H.264 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 ~ 12Mbps)
Multiple Streaming	3 streams
Video Settings	Region of interest, privacy masking, brightness, contrast, hue, saturation, de-noise, anti-flicker, day/night mode, exposure, gain, corridor pattern, image flip/mirror

## Optional Accessories



**POEINJ**  
25.5W  
PoE Injector



**PSW5**  
12VDC  
Power Supply



**CMT1**  
Corner Mount



**PMT1**  
Pole Mount



**CLT1**  
Ceiling Mount

## Camera Interfaces



**3.5mm  
Audio In**  
Built-in  
Mic



**3.5mm  
Audio Out**  
Alarm  
In/Out



**DC 12V**  
micro  
SD  
up to  
256GB



**RJ45 PoE**

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