

CS-I2PN S-3.7mm

# 2MP Fixed-focal Covert Network Camera

Sharp Series



## KEY FEATURES

- 1/2.8" progressive scan CMOS
- 3.7 mm pinhole lens
- Max. 2MP(1920x1080) @25fps resolution
- Support face, human and vehicle detection
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong-way
- True WDR, 3D DNR, ROI, HLC, BLC
- 2/1 alarm input/output, 1/1 audio input/output
- Built-in SD card slot



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## SPECIFICATIONS

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1080P, 1920(H)×1080(V)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000s
Min. illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.001 Lux (F2.0, AGC ON)
Wide Dynamic Range	True WDR
Lens	
Lens Type	Pinhole lens, Fixed-focal
Iris	Fixed Iris
Focal Length	3.7 mm
Max. Aperture	F2.0
Field of View (FOV)	H: 81.9°, V: 40.8°
Intelligent Analytics	
Multi-Object Detection	Supports face, human and vehicle detection
Intelligent Analytics	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way Support alarm triggering by specified target types (human and vehicle)
Video and Audio	
Streaming Capability	3 Streams
Stream/Frame Rate	Stream1: 1920×1080, 1280×720 @25fps Stream2: D1, VGA, 640×360, CIF, QVGA @25fps Stream3: VGA, CIF, QVGA @25fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 100kbps to 6Mbps Stream2: 100Kbps to 6Mbps Stream3: 100Kbps to 3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)
Smart Encode	Support
Audio Compression	G.711 A-law, G.711 μ-law, RAW PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor, Mirror
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, WDR
Privacy Masking	4 areas

Event	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Abnormal sound detection Alarm record,
Event Actions	Alarm output, FTP upload, SMTP upload, Audible alarm output
Network	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP,SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	2ch Input, 1ch Output
CVBS Interface	Customizable
SD Card Slot	Built-in, up to 256 GB
Reset Button	Support
General	
Language	English, Polish, Italian, Portuguese, Spanish, Russian, French, Czech,Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC (-15% to +25%)
Power Consumption	Max 3 W
Operating Temperature	-30°C to 55°C (-22°F to 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	N/A
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Casing	Metal
Dimensions	37.6 × 34 × 46.5 mm (1.50 × 1.34 × 1.84 inch)
Net Weight	0.18 Kg (0.4 lb)

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

**AVAILABLE MODEL**  
CS-I2PN S-3.7mm

**DIMENSIONS (Unit: mm)**

