SHARPCAM

PROFESSIONAL · FISHEYE

SPC-FEP08-360-A2-G1

12 MP Fisheye Camera

Fish Eye 12MP 30fps fisheye, suport AI features support hardware and software decode MIC, Alarm, reset, speaker,SD slot, POE , IR

12 MP · 2.0 mm · 30 fps · PoE



12 MP	1/1.7" Progressive Scan CMOS	2.0 mm	up to 20m	PoE	ONVIF (Profile S/G/T), HTTP API	IP66
Resolution	Image Sensor	Lens	IR Range	PoE	ONVIF	Protection

EDGE AI ANALYTICS

PROTECTION
Reduce nuisance alarms

- Human & vehicle classification [P]
- Perimeter intrusion [P]
- Line crossing [P]

OPERATIONAL INTELLIGENCE
Turn video into insight

IDENTIFICATION
Find what matters faster

- Face detection [P]

Analytics availability and simultaneous execution may vary by model, firmware and deployment architecture.

WHERE IT WORKS BEST

Wide-area situational awareness	Retail and public interiors	Occupancy context	Retail Halls	Lobbies	Public Areas	Panoramic Coverage

OPEN INTEGRATION

Camera and edge-intelligence layer. Recorder retention, Eye365 Smart Search, LPR365 workflows and MERGE365 integrations are selected as separate system roles.

ONVIF (Profile S/G/T), HTTP API

PROFESSIONAL TECHNICAL PRODUCT DATA

SPC-FEP08-360-A2-G1

12 MP Fisheye Camera



1. CAMERA & IMAGING

Image sensor	1/1.7" Progressive Scan CMOS
Effective pixels	12 MP
Minimum illumination	0.01 Lux (Color), 0 Lux with IR
Day / Night	Full Color Mode / Day Night Mode / Schedule
Backlight compensation	BLC / HLC
Wide dynamic range	DWDR
Digital noise reduction	—
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 – 1/100,000 sec
IR range	up to 20m
AI / function profile	AI feature profile
PTZ resolution	PTZ

2. LENS

Lens type	Fixed
Focal length	2.0 mm
Aperture	F2.8
Field of view	180° wall-mounted / 360° ceiling-mounted
Min. object distance	NA

4. STORAGE, AUDIO & ALARM

On-board storage	Micro SD slot, up to 256GB
Alarm I/O	1 input, 1 output
Audio I/O	Built-in Mic and Speaker
Hardware reset	YES
Event recording	NVR and SD Card
Interfaces	RJ45 10/100BASE-T, MicroSD, DC 12V, PoE

3. AI ANALYTICS

- Human & vehicle classification [P]
- Perimeter intrusion [P]
- Line crossing [P]
- Face detection [P]

Functions depend on the verified AI package and firmware of the selected camera.

5. VIDEO & NETWORK

Ethernet	PoE Ethernet
Compression	—
Main stream	@15fps: 4000x3000, @25fps: 3000x3000, 2560x2560, 2160x2160, 1520x1520, 1080x1080,
Sub stream	@15fps: 1280x960, 640x480, @25fps: 1080x1080, 720x720, 480x480;
Mobile stream	@15fps: 640x480, @25fps: 480x480
Bit rate	256Kbps ~ 16Mbps
Bitrate control	CBR/VBR
Streaming	Triple-Stream (Main/Sub/Mobile)
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP,PPPoE
Interoperability	ONVIF (Profile S/G/T), HTTP API

6. ELECTRICAL & ENVIRONMENTAL

Input power	D12V/POE(IEEE802.3af)
Power - IR off	3.8W
Power - IR on	9.6W
Operating conditions	-35~+60°C/less than ≤ 95% RH
Ingress protection	IP66
Material	Metal
Dimensions	—
Weight	—

ORDERING INFORMATION

SKU	SPC-FEP002	**Model**	SPC-FEP08-360-A2-G1

Description	12 MP Fisheye Camera	Specifications are subject to change without notice.