SHARPCAM

PROFESSIONAL · FISHEYE

SPC-FEP08-360-A0-G1

12 MP Fisheye Camera

12MP Fisheye IP Camera, 15fps, built-in MIC & speaker, Alarm I/O, reset, SD slot, PoE, IR up to 20m, and software decode only

12 MP · 2.0 mm · 15 fps · PoE



12 MP	1/1.7" Progressive Scan CMOS	1.98 mm	up to 20m	H.265+/H.265/H.264+/H.264/ MJPEG,"	PoE	ONVIF (Profile S/G/T), HTTP API	IP66
Resolution	Image Sensor	Lens	IR Range	Compression	PoE	ONVIF	Protection

EDGE AI ANALYTICS

PROTECTION
Reduce nuisance alarms

OPERATIONAL INTELLIGENCE
Turn video into insight

IDENTIFICATION
Find what matters faster

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-A0-G1

12 MP Fisheye Camera

Former model reference: SS-RLF12-F360 · SS-RIF12-F360



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	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 – 1/100,000 sec
IR range	up to 20m
AI / function profile	Profile not stated
PTZ resolution	PTZ

2. LENS

Lens type	Motorized
Focal length	1.98 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)), PoE

3. AI ANALYTICS

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

5. VIDEO & NETWORK

Ethernet	PoE Ethernet
Compression	H.265+/H.265/H.264+/H.264/MJPEG,"
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	-30~+60°C/less than ≤ 95% RH
Ingress protection	IP66
Material	Metal
Dimensions	—
Weight	—

ORDERING INFORMATION

SKU	SPC-FEP001	**Model**	SPC-FEP08-360-A0-G1

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