SHARPCAM

PROFESSIONAL · EYEBALL

SPC-EBP08-F36-A3-G1

8 MP Eyeball Camera

8MP at 30fps day/night full AI fixed-lens IP Eyeball camera designed for professional security applications, with a fixed 3.6mm F1.6 lens and IR up to 30 meters for reliable day and night surveillance, PoE, ONVIF Profile S/G/T, RTSP, Micro SD storage up to 256GB, audio I/O, and IP67 protection.



8 MP	1/2.8" IMX415 CMOS	3.6 mm	Up to 30m	H.265+/H.265/H.264+/H.264	PoE	ONVIF Profile S/G/T, RTSP	IP67
Resolution	Image Sensor	Lens	IR Range	Compression	PoE	ONVIF	Protection

EDGE AI ANALYTICS

PROTECTION
Reduce nuisance alarms

- Human & vehicle detection [M]
- Perimeter intrusion detection [M]
- Line crossing detection [M]
- Stationary object detection [M]

OPERATIONAL INTELLIGENCE
Turn video into insight

- Cross counting [M]
- Heat map [M]
- Crowd density detection [M]
- Queue length detection [M]
- Rare sound detection [M]

IDENTIFICATION
Find what matters faster

- Face recognition [M]
- License plate recognition [M]
- Face detection [P]

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

WHERE IT WORKS BEST

General security coverage	Perimeter and movement verification	Incident evidence	Office	Retail	Indoor / Outdoor	Entrances

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, RTSP

PROFESSIONAL TECHNICAL PRODUCT DATA

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Former model reference: SS-RIE08-FSP



1. CAMERA & IMAGING

Image sensor	1/2.8" IMX415 CMOS
Effective pixels	8 MP
Minimum illumination	Color: 0.009 lux @ F1.6 (AGC ON); B/W: 0 lux @ IR ON
Day / Night	Full Color Mode / Day Night Mode / Schedule
Backlight compensation	Off/On (5 Zone)
Wide dynamic range	140dB
Digital noise reduction	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 ~ 1/20000 s
IR range	Up to 30m
AI / function profile	Full AI profile

2. LENS

Lens type	Fixed
Focal length	3.6 mm
Aperture	F1.6
Field of view	Horizontal 87° / Vertical 44° / Diagonal 104°
Min. object distance	2.0m

4. STORAGE, AUDIO & ALARM

On-board storage	Micro SD, up to 256GB
Alarm I/O	N/A
Audio I/O	1 input,1 output
Hardware reset	Yes
Event recording	NVR and SD Card
Interfaces	RJ45 (10/100BASE-T)), PoE

3. AI ANALYTICS

- Human & vehicle detection [M]
- Perimeter intrusion detection [M]
- Line crossing detection [M]
- Stationary object detection [M]
- Cross counting [M]
- Heat map [M]
- Crowd density detection [M]
- Queue length detection [M]
- Rare sound detection [M]
- Searchable AI metadata [P]
- Face recognition [M]
- License plate recognition [M]
- Face detection [P]

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
Main stream	8MP (3840×2160) @ 30fps; 5MP, 4MP, 3MP, 1080P, 960P, 720P
Sub stream	720P (1280×720), VGA (640×480), QVGA (320×240) @30fps
Mobile stream	VGA (640x480), QVGA (320x240) @ 30fps
Bit rate	256Kbps ~ 16Mbps
Bitrate control	CBR/VBR
Streaming	Unicast / Multicast
Protocols	"TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP"
Interoperability	ONVIF Profile S/G/T, RTSP

6. ELECTRICAL & ENVIRONMENTAL

Input power	D12V/POE(IEEE802.3af)
Power - IR off	3.2W
Power - IR on	6.5W
Operating conditions	-35~+60°C/less than ≤ 95% RH
Ingress protection	IP67
Material	Metal
Dimensions	—
Weight	—
Environment	-35°C to +60°C, ≤95% RH

ORDERING INFORMATION

SKU	SPC-BEP003	**Model**	SPC-EBP08-F36-A3-G1

Description	8 MP Eyeball Camera	Specifications are subject to change without notice.