SHARPCAM

PROFESSIONAL · DOME

SPC-DMP08-F28-A3-G1

8 MP Dome Camera

8MP at 30fps day/night full AI fixed-lens IP Dome 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, and IP67 protection.



8 MP	2.8 mm	Up to 30m	PoE	ONVIF Profile S/G/T, RTSP	IP67
Resolution	Lens	IR Range	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	Public Areas	Vandal-prone Sites

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

SPC-DMP08-F28-A3-G1

8 MP Dome Camera

Former model reference: SS-RID08-FSP



1. CAMERA & IMAGING

Image sensor	Not stated
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	2.8 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 slot, 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	—
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-DMP003	**Model**	SPC-DMP08-F28-A3-G1

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