PROFESSIONAL · DOME

SPC-DMP05-F28-A2-G1

5 MP Dome Camera

5MP Full AI Day/Night IP Dome Camera, 2.8mm fixed Lens, AI Analytics, Alarm & Audio I/O, MicroSD, PoE, Power-Out & Hardware Reset.

5 MP · 2.8mm · 30 fps · PoE in/out



5 MP	1/2.7" Progressive Scan CMOS	2.8 mm	H.265 / H.264	PoE in/out	ONVIF Profile S/G/T, RTSP	IP67
Resolution	Image Sensor	Lens	Compression	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

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

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1. CAMERA & IMAGING

Image sensor	1/2.7" Progressive Scan CMOS
Effective pixels	5 MP
Minimum illumination	Color 0.003 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	WDR
Digital noise reduction	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 ~ 1/20,000 s
AI / function profile	AI Lite profile

2. LENS

Lens type	Fixed
Focal length	2.8 mm
Aperture	F No. 1.8(W)-3.3(T)
Field of view	Horizontal: 79°, Vertical: 56°, Diagonal: 106°
Min. object distance	2.0m

4. STORAGE, AUDIO & ALARM

On-board storage	Micro SD slot, up to 256GB
Alarm I/O	1 input, 1 output
Audio I/O	1 input, 1 output
Hardware reset	YES
Event recording	NVR and SD Card
Interfaces	1 × RJ45 (10/100Mbps), 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	H.265 / H.264
Main stream	30fps; 5MP (2880x1620), 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 ~ 8Mbps
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, RTSP

6. ELECTRICAL & ENVIRONMENTAL

Input power	D12V/POE(IEEE802.3af)
Power - IR off	2.5-3.5W
Power - IR on	4.5-6W
Operating conditions	-35~+60°C/less than ≤ 95% RH
Ingress protection	IP67
Material	Metal
Dimensions	—
Weight	—

ORDERING INFORMATION

SKU	SPC-DMP001	**Model**	SPC-DMP05-F28-A2-G1

Description	5 MP Dome Camera	Specifications are subject to change without notice.