ENTERPRISE · DOME

SPC-DMX08-F28-A4-WLD-G2

8 MP Dome Camera

Dome Full AI 8MP 30fps Ultra Low Light (1/1.8'Progressive CMOS) Mic & Speaker, Siren 1 IR up to 25m, 6 warm light+ 3red &3blue light SD, POE in/out, reset, 1/1.8' Sensor

8 MP · 2.8mm · 30 fps · PoE in/out



8 MP	1/1.8" Progressive CMOS	2.8 mm	H.265/H.264/H.265+/H.264+/MJPEG	PoE in/out	ONVIF(Profile S/G/T/M)	IP67
Resolution	Image Sensor	Lens	Compression	PoE	ONVIF	Protection

EDGE AI ANALYTICS

PROTECTION
Reduce nuisance alarms

- Active deterrence
- Human fall detection [S]
- Smoke & fire detection [S]

OPERATIONAL INTELLIGENCE
Turn video into insight

- Next-generation AI
- Dynamic mosaic masking [S]
- AI ISP imaging [S]
- Ultra-long-distance detection [S]
- Dual-system backup [S]

IDENTIFICATION
Find what matters faster

- AI large-model universal recognition · 80 object classes [S]
- Human attribute recognition [S]
- Multi-dimensional vehicle attributes [S]

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	Active Deterrence	Perimeter Alarm	Low-light Areas	Night Monitoring

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/M)

ENTERPRISE TECHNICAL PRODUCT DATA

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1. CAMERA & IMAGING

Image sensor	1/1.8" Progressive CMOS
Effective pixels	8 MP
Minimum illumination	Color 0.0007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Day / Night	Full Color Mode / Day Night Mode / Schedule
Backlight compensation	Off/On (8 Level)
Wide dynamic range	120dB
Digital noise reduction	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 ~ 1/20,000 s
Warning light	6
AI / function profile	Next-generation AI

2. LENS

Lens type	Fixed
Focal length	2.8 mm
Aperture	F No. 1.0
Field of view	Horizontal:110° Vertical:60° Diagonal:113°
Min. object distance	2.5m

4. STORAGE, AUDIO & ALARM

On-board storage	Micro SD slot, up to 512GB
Alarm I/O	N/A
Audio I/O	Built-in microphone Speaker
Hardware reset	YES
Event recording	NVR and SD Card
Interfaces	RJ45 (10/100BASE-T)), PoE

3. AI ANALYTICS

- Active deterrence
- Human fall detection [S]
- Smoke & fire detection [S]
- Next-generation AI
- Dynamic mosaic masking [S]
- AI ISP imaging [S]
- Ultra-long-distance detection [S]
- Dual-system backup [S]
- Searchable AI metadata [S]
- AI large-model universal recognition · 80 object classes [S]
- Human attribute recognition [S]
- Multi-dimensional vehicle attributes [S]

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

5. VIDEO & NETWORK

Ethernet	PoE Ethernet
Compression	H.265/H.264/H.265+/H.264+/MJPEG
Main stream	30fps: 8MP (3840x2160), 5MP (2592x1944, 3072x1728), 4MP (2592x1520), 3MP, 1080P ,960P, 720P
Sub stream	1080P (1920x1080), 720P (1280x720), VGA (640x480) @ 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,PPPoE
Interoperability	ONVIF(Profile S/G/T/M)

6. ELECTRICAL & ENVIRONMENTAL

Input power	D12V/POE(IEEE802.3af)
Power - IR off	7.59W
Power - IR on	8
Operating conditions	-35~+60°C/less than ≤ 90% RH
Ingress protection	IP67
Material	Metal
Dimensions	115mm*148mm
Weight	—

ORDERING INFORMATION

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