

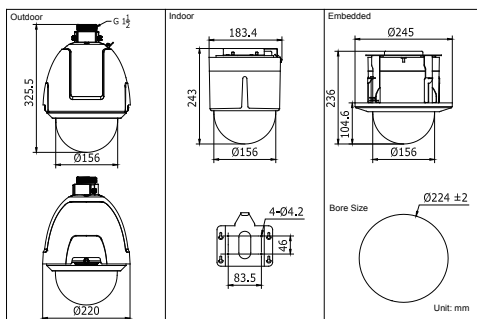
DS-2DF5283 series 2MP WDR Network PTZ Dome Camera



Key features

- 1/2.8" Progressive Scan CMOS
- 20X optical zoom, 12X digital zoom
- True WDR, Advanced Tracking, Anti Vibration
- True Day/Night, 3D DNR, DSS
- 3D positioning with Text Overlay
- Triple stream
- VCA Option - Metadata Support, Low False Alarm
- Outdoor / Indoor

Dimensions



Accessories



DS-1601ZJ DS-1601ZJ-corner DS-1601ZJ-pole DS-1634ZJ

Available models

- DS-2DF5283-A: 24VAC, outdoor
- DS-2DF5283-A3: 24VAC, indoor

	DS-2DF5283-A (outdoor)	DS-2DF5283-A3 (indoor)
Camera		
Image sensor	1/2.8" Progressive Scan CMOS	
Effective pixel	2230K pixels	
Min. Illumination	High sensitivity: Color: 0.02Lux@F1.6,B/W: 0.08Lux@F1.6(SensUp deactive) Normal: Color: 1.5Lux@F1.6 ,B/W: 0.1Lux@F1.6	
White balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp	
AGC	Auto / Manual	
S / N ratio	≥ 50dB	
Digital noise reduction	3D DNR	
Backlight compensation	BLC	
Wide dynamic range	True WDR	
Shutter speed	50Hz: 1-1/30,000s; 60Hz: 1-1/30,000s	
Day & Night	IR Cut Filter	
Digital zoom	12X	
Privacy masking	24 privacy masks programmable, optional multiple colors and mosaics	
Focus mode	Auto / Semiautomatic / Manual	
Lens		
Focal length	4.7 ~ 94mm, 20X optical zoom	
Zoom speed	Approx. 2.3s (Optical Wide-Tele)	
Angle of view	55.4 ~ 2.9 degree (Wide-Tele)	
Min. Working distance	10 ~ 1000mm(Wide-Tele)	
Aperture range	F1.6 ~ F3.5	
Pan and Tilt		
Pan / Tilt range	Pan: 360° endless; Tilt: -5° ~ 90°(Auto/Manual Flip, Continuous 190°)	
Pan / Tilt speed	Pan Manual Speed: 0.1° ~ 300°/s, Pan Preset Speed: 540°/s Tilt Manual Speed: 0.1° ~ 240°/s, Tilt Preset Speed: 500°/s	
Proportional zoom	Rotation speed can be adjusted automatically according to zoom multiples	
Number of preset	256	
Patrol	8 patrols, up to 32 presets per patrol	
Pattern	8 patterns, with the recording time not less than 10 minutes per pattern	
Power-off memory	Support	
Park action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan	
PTZ position display	Support	
Preset freezing	Support	
Scheduled task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Alarm output	
Alarm		
Alarm input (A/D)	7 inputs	
Alarm output(A/D)	2 relay outputs, alarm response actions configurable	
Alarm trigger	Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception	
Alarm action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client	
Local Video and Audio		
Video output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC	
Audio input	1 Mic in/Line in interface. Line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%	
Audio output	1 Audio output interface. Line level, impedance: 600Ω	
Network		
Ethernet	10Base-T / 100Base-TX, RJ45 connector	
Max. image resolution	1920×1080	
Frame rate	50Hz: 25 fps (1920×1080), 25 fps (1280×960), 25 fps (1280×720) 60Hz: 30 fps (1920×1080), 30 fps (1280×960), 30 fps (1280×720)	
Image compression	H.264 / MJPEG / MPEG4, H.264 encoding with Baseline / Main / High profile	
ROI encoding	Support	
Audio compression	G.711u / G.711a / G.726 / MP2L2	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE	
Simultaneous live view	Up to 10	
Streams	Triple streams	
SD memory card	Built-in micro SD/SDHC Slot, up to 32GB, support manual / alarm / edge recording	
User/Host level	Up to 32 users, 3 Levels: Administrator, Operator and User	
Security measures	User authentication (ID and PW), Host authentication (MAC address), IP address filtering	
Integration		
Application programming	Open-ended API, support Onvif, SDK, PSIA and CGI	
Web browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, support multi-language	
General		
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive	
Power (PoE Option)	-A: 24VAC, max. 40W -A3: 24VAC, max. 25W	
Working Temperature	-A: -30°C ~ 65°C(-22°F ~ 149°F) -A3: -10°C ~ 50°C(14°F ~ 122°F)	
Humidity	90% or less	
Protection Level/Safety	IIP66(outdoor models) TVS 4,000V lightning protection, surge protection and voltage transient protection IK 10 (optional), FCC and CE Certified Product	
Dimensions	Φ220×325.5mm (Φ8.66"×12.81")(Outdoor) Φ183.4×243mm (Φ7.22"×9.57")(Ceiling) Φ245×236mm (Φ9.65"×9.29")(In-ceiling)	
Weight	Approx. 5Kg (11.02lbs)	
Mount Option	Long-arm wall mount: DS-1601ZJ; Corner mount: DS-1601ZJ-corner; (outdoor models) Pole Mount: DS-1601ZJ-pole; Power box mount:DS-1634ZJ	

NOTE: Indoor models support ceiling and in-ceiling mount.