

DS-2DF7283 series

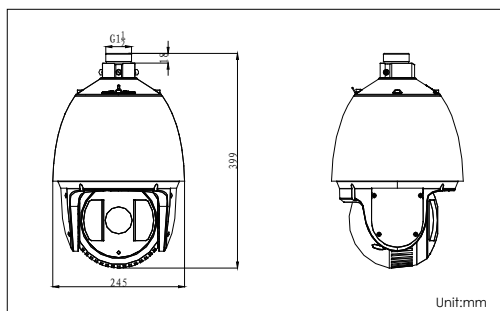
2MP WDR Network IR PTZ Dome Camera



Key features

- 1/2.8" Progressive Scan CMOS
- 20X optical zoom, 12X digital zoom
- True WDR
- True Day/Night, 3D DNR
- Up to 150m IR distance
- 3D intelligent positioning
- Triple stream

Dimensions



Accessories



Available models

DS-2DF7283-A: 24VAC, outdoor

DS-2DF7283-A	
Camera	
Image sensor	1/2.8" Progressive Scan CMOS
Effective pixel	2230K pixels
Min. Illumination	High sensitivity: Color: 0.5Lux@F1.6,B/W: 0.08Lux@F1.6 , 0 Lux with IR Normal: Color: 1.7Lux@F1.6 ,B/W: 0.26Lux@F1.6, 0 Lux with IR
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	16X
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: -2° ~ 90° (auto flip)
Pan / Tilt speed	Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1° ~ 120°/s, Tilt Preset Speed: 200°/s
Proportional zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 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	Auto Scan / Frame Scan / Random Scan / Patrol / Pattern / Preset / Panorama Scan/ Tilt Scan / Dome Reboot/ Dome Adjust / Aux Output
Infrared	
IR distance	Up to 150m
IR intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm input	7 inputs
Alarm output	2 relay outputs, alarm response actions configurable
Alarm trigger	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, 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&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/G.722
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 20
Streams	Triple streams
SD memory card	Built-in SD/SDHC Slot, up to 64GB, 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(Profile G), PSIA and CGI, Genetec
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	24VAC, max. 50W
Working temperature	-30°C ~ 65°C(-22°F ~ 149°F)
Humidity	90% or less
Protection level	IP66
	TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	Φ245 × 399mm (Φ9.65" × 15.71")
Weight	Approx. 6kg(13.22lbs)
Mount option	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box