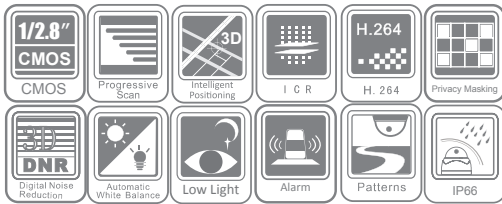


# Smart PTZ Dome

## DS-2DF7284

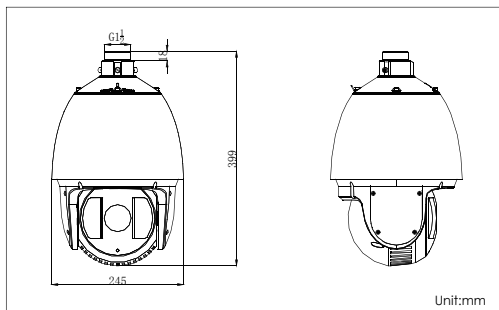
### 2MP 20X Network IR PTZ Dome Camera



#### Key features

- 1/2.8" Progressive Scan CMOS
- 20X optical zoom, 16X digital zoom
- Smart Tracking, ROI encoding
- 120m IR distance
- 3-Streams
- True Day/Night, 3D DNR
- 3D intelligent positioning
- 24VAC / High-PoE power supply

#### Dimensions



#### Accessories



	DS-2DF7284-A	DS-2DF7284-AEL
<b>Camera</b>		
Image Sensor	1/2.8" Progressive Scan CMOS	
Effective Pixel	2230K pixels	
Min. Illumination	Color: 0.05Lux@F1.6, B/W: 0.005Lux@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	
Shutter Speed	50Hz: 1/25 ~ 1/30,000s, 60Hz: 1/25 ~ 1/30,000s	
Day & Night	IR Cut Filter	
Digital Zoom	16x	
Privacy Masking	Up to 24 zones, maximum 8 zones on a same image, multiple colors and mosaics optional	
Focus Mode	Auto / Semiautomatic / Manual	
<b>Lens</b>		
Focal Length	4.7-94mm, 20x	
Zoom Speed	Approx.2.7s(Optical Wide-Tele)	
Angle of View	58.3-3.2 degree (Wide-Tele)	
Min. Working Distance	10 ~ 1500mm(Wide-Tele)	
Aperture Range	F1.6 ~ F3.5	
<b>Pan and Tilt</b>		
Smart tracking	Support	
Pan / Tilt Range	Pan: 360° endless; Tilt: -2° ~ 90° (Auto Flip)	
Pan / Tilt Speed	Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset Speed: 160°/s Tilt Manual Speed: 0.1° ~ 120°/s, Tilt Preset Speed: 120°/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	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 / Panorama scan	
PTZ Position Display	On / Off	
Preset Freezing	Support	
<b>Infrared</b>		
IR Distance	Up to 120m	
IR Intensity	Automatically adjusted, depending on the zoom ratio	
<b>Alarm</b>		
Alarm Input	7	
Alarm Output	2 relay outputs, alarm response actions configurable	
Alarm Action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client	
<b>Input/ Output</b>		
Video Output	1.0V[p-p] / 75Ω, PAL / NTSC composite, BNC	
Audio Input	Audio input (LINE input), 2 ~ 2.4V[p-p]; output impedance: 1KΩ, ±10%	
Audio Output	Line level, impedance: 600Ω	
<b>Network</b>		
Ethernet	10Base-T / 100Base-TX, RJ45 connector	
Max.Image Resolution	1920x1080	
Frame Rate	50Hz: 25 fps (1920x1080), 25 fps (1280x960), 25 fps (1280x720) 60Hz: 30 fps (1920x1080), 30 fps (1280x960), 30 fps (1280x720)	
Image Compression	H.264/MJPEG/MPEG4	
ROI encoding	Support 24 areas with adjustable levels	
Audio Compression	G.711u / G.711a / G.726	
Protocols	IPV4/IPV6,HTTP,HTT,TPS,802.1x,Qos,FTP,SMTP,UPnP,PSNMP,DNS,DDNS,NTPT,RTSP,RTCP,UDP,IGMP,ICMP,DHCP,PPPoE	
Simultaneous Live View	Up to 10	
Streams	Three Streams	
Mini SD Memory Card	Built-in SD/SDHC Slot, up to 32GB, support manual / alarm recording	
User/Host Level	Up to 32 users, 3 Levels: Administrator, Camera control, Live view only	
Security Measures	User authentication(ID and PW); Host authentication(MAC address); IP address filtering	
<b>Integration</b>		
Application programming	Open-ended API, support Onvif, PSIA and CGI	
Web Browser	IE 7, IE 8, IE 9, Chrome 8+, Firefox 3.5+, Safari 5+, support multi-language	
<b>General</b>		
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive	
Power	24VAC: Max. 50W (heater: 20W)	24 VAC: Max. 65W (heater: 45W) High-PoE: Max. 50W (heater: 20W)
Working Temperature	-30°C ~ 65°C(-22°F ~ 149°F)	24 VAC: -40°C ~ 65°C(-40°F ~ 149°F) High-PoE: -30°C ~ 65°C(-22°F ~ 149°F)
Humidity	90% or less	
Protection Level	IP66 standard TVS 4,000V lightning protection, surge protection and voltage transient protection	
Dimensions	Φ245 x 399mm (Φ9.65" x 15.71")	
Weight (approx.)	5.5kg(12.13lbs)	
Mount Option	Long-arm wall mount: DS-1614ZJ; Corner mount: DS-1633ZJ; Pole Mount: DS-1622ZJ; Power box mount: DS-1634ZJ	

#### Order models

DS-2DF7284-A: 24VAC, outdoor

DS-2DF7284-AEL: High-PoE & 24VAC, outdoor