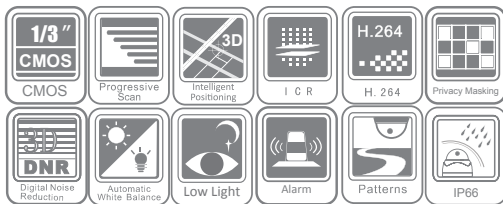


# DS-2DF7286-AEL

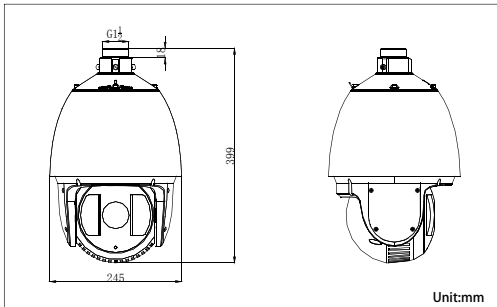
## 2 MP 30X Network IR PTZ Dome Camera



### Key features

- 1/2.8" Progressive Scan CMOS
- 30X optical zoom, 16X digital zoom
- Smart Tracking, Defog, ROI encoding, HLC
- Smart IR, 120m IR distance
- 3-Streams
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning
- 24VAC / High-PoE power supply

### Dimensions



### Accessories



DS-1614ZJ

DS-1633ZJ

DS-1622ZJ

DS-1634ZJ

DS-2DF7286-AEL	
<b>Camera</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	1320K pixels
Min. Illumination	Color : 0.05 lux (F1.6, AGC On); B/W : 0.005 lux (F1.6, AGC On); 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	HLC / BLC
Wide Dynamic Range	Digital WDR
Shutter Speed	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
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
Enhancement	Smart Defog: on / off
<b>Lens</b>	
Focal Length	4.3 ~ 129.0mm, 30x
Zoom Speed	Approx 3s(Optical Wide-Tele)
Angle of View	57.4-2.8 degree (Wide-Tele)
Min. Working Distance	10 ~ 1,500mm(Wide-Tele)
Aperture Range	F1.6 ~ F5.0
<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 / Frame scan / Panorama scan
PTZ Position Display	On / Off
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
<b>Infrared</b>	
Smart IR	Support
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	1920×1080
Frame Rate	60Hz:30fps(1920×1080) 30fps(1280×960) 30fps(1280×720)
Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
ROI encoding	Support 24 areas with adjustable levels
Audio Compression	G.711u /G.711a /G.726
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	Three Streams
Mini SD Memory Card	Built-in SD/SDHC Slot, up to 32GB, support manual / alarm / edge 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	24 VAC: Max. 65W (heater: 45W) High-PoE: Max. 50W (heater: 20W)
Working Temperature	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
Dimensions	TVS 4,000V lightning protection, surge protection and voltage transient protection Φ245 × 399mm (Φ9.65" × 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-2DF7286-AEL: High-PoE & 24VAC, outdoor