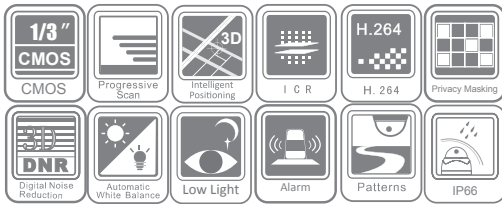


# Smart PTZ Dome

## DS-2DF7274

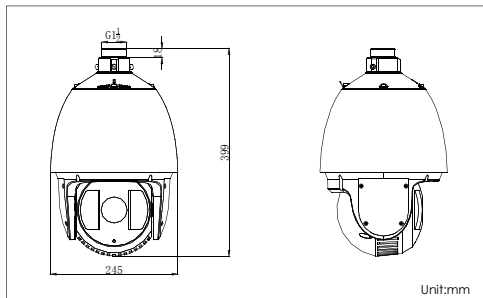
### 1.3MP 20X Network IR PTZ Dome Camera



#### Key features

- 1/3" 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-2DF7274-A   | DS-2DF7274-AEL   |
|-------------------------|--|--|
| <b>Camera</b>           |  |  |
| Image Sensor            | 1/3" Progressive Scan CMOS   |  |
| Effective Pixel         | 1300K pixels   |  |
| Min. Illumination       | Color: 0.05Lux@(F1.4, AGC ON), B/W: 0.005Lux@(F1.4, 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  | BLC  |  |
| 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  |  |
| <b>Lens</b>             |  |  |
| Focal Length            | 4.3-86.0mm, 20x  |  |
| Zoom Speed              | Approx.5s(Optical Wide-Tele)   |  |
| Angle of View           | 54.1 ~ 3.2 degree (Wide-Tele)  |  |
| Min. Working Distance   | 10 ~ 1,500mm(Wide-Tele)  |  |
| Aperture Range          | F1.4 ~ F2.6  |  |
| <b>Pan and Tilt</b>     |  |  |
| Smart tracking          | Support  |  |
| Pan / Tilt Range        | Pan: 360° endless; Tilt: -2° ~ 90° (Auto Flip)   |  |
| Pan / Tilt Pan Speed    | Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset Speed: 160°/s<br>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  |  |
| <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    | 1280x960   |  |
| Frame Rate              | 50Hz:25fps(1280x960), 25fps (1280x720)<br>60Hz:30fps(1280x960), 30fps (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,HTTP,HTTPS,802.1x,Qos,FTP,SMTp,UPnP,SNMP,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 / 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                   | 24VAC: Max. 50W (heater: 20W)  | 24 VAC: Max. 65W (heater: 45W)<br>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)<br>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                                       |  |
| Weight (approx.)        | Φ245x399mm (Φ9.65"x15.71")   |  |
| Mount Option            | 5.5kg(12.13lbs)  |  |
|                         | Long-arm wall mount: DS-1614ZJ; Corner mount: DS-1633ZJ; Pole Mount: DS-1622ZJ; Power box mount: DS-1634ZJ               |  |

#### Order models

DS-2DF7274-A: 24VAC, outdoor  
DS-2DF7274-AEL: High-PoE & 24VAC, outdoor