

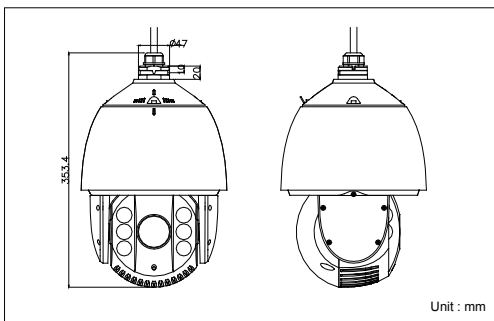
## DS-2DE7176/7174 series 1.3MP Network IR PTZ Dome Camera



### Key features

- 1/3" Progressive Scan CMOS
- 1280 × 960 HD resolution
- 30X / 20X optical zoom, 16X digital zoom
- 100m IR distance
- True Day/Night, 3D DNR, Digital WDR
- 3D intelligent positioning
- 24VAC / High-PoE power supply

### Dimensions



### Accessories



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

### Available models

DS-2DE7176-A: 24VAC, outdoor  
DS-2DE7176-AE: High-PoE & 24VAC, outdoor

DS-2DE7174-A: 24VAC, outdoor  
DS-2DE7174-AE: High-PoE & 24VAC, outdoor

|                              | DS-2DE7176-A<br>DS-2DE7176-AE   | DS-2DE7174-A<br>DS-2DE7174-AE  |
|------------------------------|---|--|
| <b>Camera</b>                |   |  |
| Image sensor                 | 1/3" Progressive Scan CMOS  |  |
| Effective pixel              | 1320K pixels  |  |
| Min. illumination            | Color: 0.05lux( F1.6, AGC ON); 0 lux with IR<br>B/W: 0.01lux(F1.6, AGC ON); 0 lux with IR   | Color: 0.05lux( F1.4, AGC ON); 0 lux with IR<br>B/W: 0.01lux( 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                  | ≥ 52dB  | ≥ 50dB   |
| Digital noise Reduction      | 3D DNR  |  |
| Backlight compensation       | HLC/BLC   |  |
| Wide dynamic range           | Digital WDR   |  |
| Shutter speed                | 1 ~ 1/10,000s   |  |
| Day & Night                  | IR Cut Filter   |  |
| Digital zoom                 | 16X   |  |
| Privacy masking              | 2 privacy masks programmable  |  |
| Focus mode                   | Auto / Semiautomatic / Manual   |  |
| <b>Lens</b>                  |   |  |
| Focal length                 | 4.3 ~ 129mm, 30x  | 4.7 ~ 94.0mm, 20x  |
| Zoom speed                   | Approx 3s(Optical Wide-Tele)  | Approx 3s(Optical Wide-Tele)   |
| Angle of view                | 58.9 ~ 2.11 degree (Wide-Tele)  | 58.3 ~ 3.2 degree (Wide-Tele)  |
| Min. working distance        | 10 ~ 1,500mm(Wide-Tele)   | 10 ~ 1,000mm(Wide-Tele)  |
| Aperture range               | F1.6 ~ F5.0   | F1.4 ~ F3.5  |
| <b>Pan and Tilt</b>          |   |  |
| Pan / Tilt range             | Pan: 360° endless; Tilt: -15° ~ 90° (Auto Flip )  |  |
| Pan / Tilt speed             | Pan Manual Speed: 0.1° ~ 160°/s, Pan Preset Speed: 240°/s<br>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             | 256   |  |
| Park action                  | Pattern/Pan scan/Tilt scan/Frame scan/Panorama scan/Random scan   |  |
| Patrol                       | 8 patrols, up to 32 presets per patrol  |  |
| Power-off memory             | Support   |  |
| 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 |  |
| <b>Infrared</b>              |   |  |
| IR distance                  | Up to 100m  |  |
| IR intensity                 | Automatically adjusted, depending on the zoom ratio   |  |
| <b>Local Video&amp;Audio</b> |   |  |
| 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   |  |
| <b>Network</b>               |   |  |
| Ethernet                     | 10Base-T / 100Base-TX, RJ45 connector   |  |
| Max. image resolution        | 1280×960  |  |
| Frame rate                   | 50Hz:25fps(1280×960), 25fps(1280×720)<br>60Hz:30fps(1280×960), 30fps(1280×720)  |  |
| Image compression            | H.264/MJPEG   |  |
| 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 6   |  |
| Streams                      | Dual streams  |  |
| Mini SD memory card          | Micro SD slot, up to 32GB   |  |
| User/Host level              | Up to 32 users, 3 Levels: Administrator, Operator, User   |  |
| 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+, Chrome 18+, Firefox 5.0+, Safari 5.02+   |  |
| <b>General</b>               |   |  |
| Power                        | -A: 24 VAC, max. 30W<br>-AE: High-PoE & 24 VAC, max. 30W  |  |
| 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                   | Φ220 × 353.4mm (Φ8.66" × 13.91")  |  |
| Weight                       | 5.5kg(12.13lbs)   |  |
| Mount option                 | Long-arm wall mount: DS-1601ZJ;      Corner mount: DS-1601ZJ-corner;<br>Pole Mount: DS-1601ZJ-pole;      Power box mount:DS-1634ZJ    |  |