

HIKVISION

DS-2DF1-61(0)1/3/5/7H

6 Inch Network High Speed Dome

Technical Manual

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Specifications

| Parameter | | Model | DS-2DF1-611(Outdoor) DS-2DF1-601(Indoor) | DS-2DF1-613(Outdoor) DS-2DF1-603(Indoor) | DS-2DF1-615(Outdoor) DS-2DF1-605(Indoor) | DS-2DF1-617(Outdoor) DS-2DF1-607(Indoor) |
|--------------|-----------------------|---|---|---|---|---|
| | | 6 Inch Network High Speed Dome | | | | |
| Camera | Image Sensor | 1/4" SONY EXVIEW CCD | | | | |
| | Effective Pixel | PAL:752(H)×582(V) NTSC:768(H)×494(V) | | | | |
| | Horizontal Resolution | 480 TVL | Color: 480 TVL B/W: 520 TVL | | | |
| | Signal System | PAL / NTSC | | | | |
| | Min.Illumination | 1.0Lux/F1.4 | Color: 0.7Lux/F1.4 B/W:0.01Lux/F1.4 | Color: 1.0Lux/F1.4 B/W: 0.01Lux/F1.4 | Color: 1.4Lux/F1.4 B/W: 0.01Lux/F1.4 | |
| | White Balance | Auto / Manual / ATW / Indoor / Outdoor | | | | |
| | AGC | Auto / Manual | | | | |
| | S / N Ratio | ≥50dB | | | | |
| | BLC | On / Off | | | | |
| | Shutter Time | PAL:1/50-1/10,000s NTSC:1/60-1/10,000s | PAL:1/3-1/10,000s NTSC:1/4-1/10,000s | | | |
| | Day & Night | Electronic | IR Cut Filter | | | |
| | Digital Zoom | 12x | | | | |
| | Privacy Mask | 24 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen | | | | |
| | Focus Model | Auto / Semiautomatic / Manual | | | | |
| Lens | Focal Length | 4.1-73.8mm,18X | | 3.5-91mm, 26X | 3.4-122.4mm, 36X | |
| | Zoom Speed | Approx.2.1s(Optical Wide-Tele) | | Approx.4.0s(Optical Wide-Tele) | | |
| | Angle of View | 48-2.8degree(Wide-Tele) | | 54.2-2.2degree(Wide-Tele) | 57.8-1.7degree(Wide-Tele) | |
| | Min. Working Distance | 10-800mm (Wide-Tele) | | 10-1,500mm(Wide-Tele) | | |
| | Aperture Range | F1.4 - F3.0 | | F1.4 - F3.8 | F1.6 - F4.5 | |
| Pan and Tilt | Pan Range | 360°endless | | | | |
| | Pan Speed | Pan Manual Speed: 0.1°-300°/s, Pan Preset Speed: 400°/s | | | | |
| | Tilt Range | -5°-90° (Auto Flip) | | | | |
| | Tilt Speed | Tilt Manual Speed: 0.1°-90°/s, | | | | |

| | | | |
|----------------------|---------------------------|--|---------|
| | | Tilt Preset Speed: 200°/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 min per pattern | |
| | Power-off Memory | Support | |
| | Park Action | Preset / Patrol / Pattern / Auto scan / Random scan / Frame scan / Panorama scan | |
| | PTZ Position Display | On / Off | |
| | Freeze Frame | — | Support |
| Alarm | Alarm Input | 2 (7 optional) | |
| | Alarm Output | 2 relay outputs, alarm response actions configurable | |
| | Alarm Actions | Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client | |
| Input/ Output | Monitor Output | 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC | |
| | Audio Input | Audio input (LINE input), 2-2.4V[p-p]; output impedance: 1KΩ, ±10% | |
| | Audio Output | Line level, impedance: 600Ω | |
| Network | Ethernet | 10Base-T / 100Base-TX, RJ45 connector | |
| | Max.Image Resolution | PAL:704×576 NTSC:704×480 | |
| | Frame Rate | PAL :25 fps (704×576) NTSC: 30 fps (704×480) | |
| | Image Compression | H.264 | |
| | Audio Compression | OggVorbis / 16kbps | |
| | Audio Mode | Off / Audio input / Audio output | |
| | Protocols | TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional) | |
| | No. of Simultaneous Users | Up to 6 users | |
| | Dual Streams | Support | |
| | Mini SD Memory Card | Manual REC / Alarm REC. Built-in SD/SDHC Slot, up to 32GB | |
| | User/Host Level | 3 Levels: Administrator, Camera control, Live view only | |
| | Security Measures | User authentication (ID and PW), Host authentication (MAC address) | |

| | | |
|--|--------------------------------|--|
| Client GUI | Camera Control | Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode. |
| | OSD | Up to 18 characters |
| | Date & Time Display | Time: Week: Date, 6 formats on the Client |
| | Reading Patrol Message | Display and reading of preset message contained in each patrol via client software |
| Fiber Interface (available for fiber dome only) | Data Mode | 10Base-T / 100Base-TX |
| | Physical Interface | FC/SC optional |
| | Fiber Wavelength | 1310/1550nm |
| | Fiber Type | Single Fiber/Singlemode |
| | Transmission Distance | 20Km, 40Km / 60Km/ 80Km optional |
| General | Menu Language | English, Chinese |
| | RS-485 Protocols | HIKVISION, Pelco-P, Pelco-D, self-adaptive |
| | Power Supply | 24VAC (12V DC optional) |
| | Power Consumption | 15W max(30W max with heater, outdoor dome) |
| | Working Temperature / Humidity | -30 °C -65 °C (-22 °F -149 °F)(outdoor dome) / -10 °C -50 °C (14 °F -122 °F)(indoor dome) 90% or less |
| | Protection Level | IP66 standard (outdoor dome) TVS 3,000V lightning protection, surge protection and voltage transient protection |
| | Mounting | Various mounting modes optional |
| | Dimension | Φ242.8×286.9mm(Φ9.56"×11.30")(Outdoor) Φ216×286.9mm(Φ8.50"×11.30")(Indoor) Φ250.2×274.2mm(Φ9.85"×10.80")(In-ceiling) |
| | Weight (approx.) | 5kg(11.02lbs) |
| | Mount Option | lonLg-arm wall mount:DS-1611ZJ; Indoor short-arm wall mount:DS-1612ZJ Corner mount:DS-1632ZJ; Pole Mount:DS-1621ZJ Indoor pendant mount:DS-1651ZJ/ DS-1652ZJ; Ceiling mount: DS-1642ZJ |