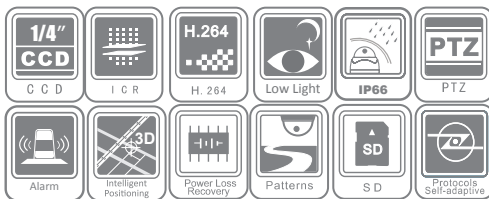


DS-2DF1-514/516/518

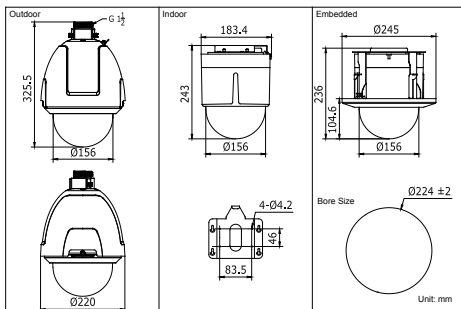
Network High Speed Dome



Key features

- 1/4" Sony Super HAD CCD
- True Day/Night
- H.264 video compression
- 3D intelligent positioning function
- Powerful PTZ control
- Programmable alarm triggering
- IP66 rating
- Up to 36x optical zoom

Dimensions



Accessories



	DS-2DF1-514 (outdoor) DS-2DF1-504 (indoor)	DS-2DF1-516 (outdoor) DS-2DF1-506 (indoor)	DS-2DF1-518 (outdoor) DS-2DF1-508 (indoor)
Camera			
Image sensor	1 / 4" Sony Super HAD CCD		
Effective pixel	PAL: 752 (H) × 582 (V), NTSC: 768 (H) × 494 (V)		
Horizontal resolution	Color: 540 TVL, B / W: 600 TVL		
Signal system	PAL / NTSC		
Min.illumination	Color: 0.2 lux@F1.6, B / W: 0.02 lux@F1.6	Color: 0.2 lux@F1.4, B / W: 0.02 lux@F1.4	Color: 0.2 lux@F1.6, B / W: 0.02 lux@F1.6
White balance	Auto / manual / ATW / indoor / outdoor		
AGC	Auto / manual		
S / N ratio	≥ 50dB		
BLC	On / off		
DWDR	128x (On / Off / Auto)		
Shutter time	PAL: 1 / 50 ~ 1 / 10,000s, NTSC: 1 / 60 ~ 1 / 10,000s	PAL: 1 ~ 1 / 10,000s, NTSC: 1 ~ 1 / 10,000s	PAL: 1 ~ 1 / 10,000s, NTSC: 1 ~ 1 / 10,000s
Day & night	IR cut filter		
Digital zoom	16x		
Privacy Mask	24 privacy masks programmable		
Focus model	Auto / semi-automatic / manual		
Lens			
Focal length	3.84 ~ 88.4 mm, 23x	3.5 ~ 105mm, 30x	3.4 ~ 122.4mm, 36x
Zoom speed	Approx.5.1s (optical Wide-Tele)	Approx.5.4s (optical Wide-Tele)	Approx.5.4s (optical Wide-Tele)
Angle of view	52.2 ~ 2.36° (Wide-Tele)	56.4 ~ 2.0° (Wide-Tele)	57.8 ~ 1.7° (Wide-Tele)
Min. working distance	10 ~ 1,200mm (Wide-Tele)	10 ~ 1,000mm (Wide-Tele)	10 ~ 1,000mm (Wide-Tele)
Aperture range	F1.6 ~ F4.5	F1.4 ~ F3.7	F1.6 ~ F4.5
Pan and tilt			
Pan range	360° endless		
Pan speed	Pan manual speed: 0.1° ~ 300° / s, pan preset speed: 540° / s		
Tilt range	-5° ~ 90° (auto flip)	-5° ~ 185° (Auto Mirror)	-5° ~ 185° (Auto Mirror)
Tilt speed	Tilt manual speed: 0.1° ~ 240° / s, tilt preset speed: 400° / 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 total recording time not less than 10 min		
Power loss recovery	Support		
Park action	Preset / patrol / pattern / pan scan / tilt scan / random scan / frame scan / panorama scan		
PTZ position display	On / off		
Freeze frame	Support		
Alarm			
Alarm input	2 (7 alarm inputs optional)		
Alarm output	2 relay outputs, alarm response actions configurable		
Alarm action	Preset / patrol / pattern / pan scan / tilt scan / random scan / frame scan / panorama scan / relay output		
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	10 base-T / 100 base-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 / MJPEG		
Audio compression	G.711 / 16kbps		
Protocols	TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, RTSP, PPPoE, SMTP, NTP (FTP, 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.		
Camera name	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		
General			
Menu language	English		
RS-485 protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive		
Power supply	24 VAC (12 VDC optional)		
Power consumption	Outdoor dome: Max.45 W ; Indoor / In-ceiling dome: Max.20 W		
Working temperature / humidity	-30°C ~ 65°C (-22°F ~ 149°F) (outdoor) / -10°C ~ 50°C (14°F ~ 122°F) (indoor), 90% or less		
Protection level	IP66 standard (outdoor), TVS 3,000V lightning protection, surge protection and voltage transient protection		
Mounting	Various mounting modes optional		
Dimensions	Φ 220 × 325.5mm (Φ 8.66" × 12.81") (outdoor), Φ 183.4 × 247mm (Φ 7.22" × 9.72") (indoor)		
Weight (approx.)	5kg (11.02lbs)		