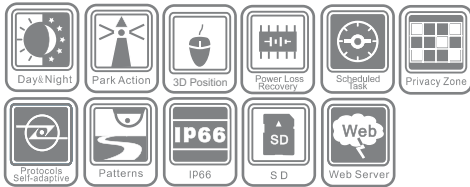


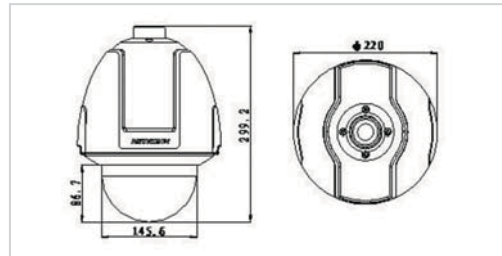


DS-2DF1-512/514/516/518 DS-2DF1-502/504/506/508 5" Network Speed Dome

- 1/4" SONY CCD
- $\pm 0.1^\circ$ preset accuracy
- 540°/s pan preset speed and 400°/s tilt preset speed
- 360° endless pan range and $-5^\circ - 185^\circ$ tilt range
- H.264 video codec
- Weather Proof: IP66 standard



Unit: mm



Specifications

		DS-2DF1-512 (Outdoor) DS-2DF1-502 (Indoor)	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	480 TVL	Color: 480 TVL B/W: 520 TVL	Color: 540 TVL B/W: 570 TVL	
	Signal System	PAL / NTSC			
	Min.Illumination	0.1 Lux @ F1.6	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	
	White Balance	Auto / Manual / ATW / Indoor / Outdoor			
	AGC	Auto / Manual			
	S / N Ratio	≥ 50 dB			
	BLC	On / Off			
	Shutter Time	PAL: 1/50 - 1/10,000s NTSC: 1/60 - 1/10,000s			
	Day & Night	Electronic	IR Cut Filter		
	Digital Zoom	—		16x	
	Focus Model	Auto / Semiautomatic / Manual			
	Lens	Focal Length	3.9 - 85.8 mm, 22X	3.84 - 88.4 mm, 23X	3.5 - 105 mm, 30X
Zoom Speed		Approx. 4.3 s (Optical Wide-Tele)	Approx. 5.1 s (Optical Wide-Tele)	Approx. 5.4 s (Optical Wide-Tele)	
Angle of View		58.0° - 2.22° (Wide-Tele)	52.2° - 2.36° (Wide-Tele)	56.4° - 2.0° (Wide-Tele)	57.8° - 1.7° (Wide-Tele)
Min. Working Distance		10 - 1,000 mm (Wide-Tele)	10 - 1,200 mm (Wide-Tele)	10 - 1,000 mm (Wide-Tele)	
Aperture Range		F1.6 - F3.7	F1.6 - F4.5	F1.4 - F3.7	F1.6 - F4.5

		DS-2DF1-512 (Outdoor) DS-2DF1-502 (Indoor)	DS-2DF1-514 (Outdoor) DS-2DF1-504 (Indoor)	DS-2DF1-516 (Outdoor) DS-2DF1-506 (Indoor)	DS-2DF1-518 (Outdoor) DS-2DF1-508 (Indoor)
Pan and Tilt	Pan Range	360° endless			
	Pan Speed	Pan Manual Speed: 0.1° - 300°/s, Pan Preset Speed: 540°/s			
	Tilt Range	-5° - 185° (Auto Flip)		-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 recording time not less than 10 min per pattern			
	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	7			
	Alarm Output	2 relay outputs, alarm response actions configurable			
Input/ Output	Alarm Actions	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client			
	Monitor Output	1.0 V [p-p] / 75 Ω, NTSC (or PAL) composite, BNC			
	Audio Input	Audio input (LINE input), 2-2.4 V [p-p]; output impedance: 1 KΩ, ±10%			
Network	Audio Output	Line level, impedance: 600 Ω			
	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 / 16 kbps			
	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 32 GB			
	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			
Fiber Interface (available for fiber dome only)	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software			
	Data Mode	10 Base-T / 100 Base-TX			
	Physical Interface	FC/SC optional			
	Fiber Wavelength	1310 / 1550 nm			
	Fiber Type	Single Fiber / Single mode			
General	Transmission Distance	20 km, with 40 km, 60 km and 80 km optional			
	Menu Language	English, Chinese			
	RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive			
	Power Supply	24 V AC (12 V 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	Φ220 × 299.2 mm (Φ8.66" × 11.78") (Outdoor) Φ183.4 × 247 mm (Φ7.22" × 9.72") (Indoor)			
	Weight (approx.)	5 kg (11.02 lbs)			
	Mount Option	long-arm wall mount: DS-1614ZJ Indoor short-arm wall mount: DS-1615ZJ Corner mount: DS-1633ZJ Pole Mount: DS-1622ZJ Power box mount: DS-1634ZJ			