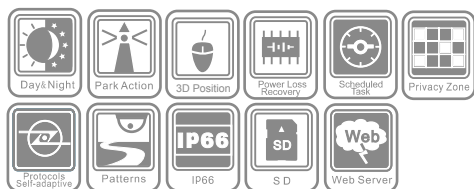


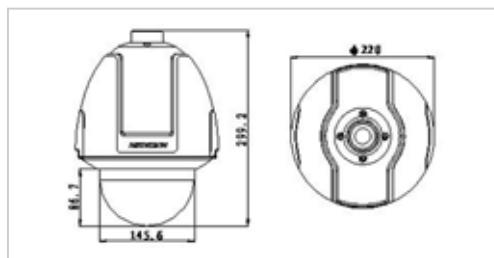


DS-2DF1-512/514/516/518 DS-2DF1-502/504/506/508 5" Network High Speed Dome

- 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° - 185° tilt range
- H.264 video codec
- Weather Proof: IP66 standard



Unit: mm



Specifications

	Outdoor Indoor	DS-2DF1-512 DS-2DF1-502	DS-2DF1-514 DS-2DF1-504	DS-2DF1-516 DS-2DF1-506	DS-2DF1-518 DS-2DF1-508	
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	480 TVL(Color) 520 TVL(B/W)	540 TVL(Color) 570 TVL(B/W)		
	Signal System	PAL / NTSC				
	Min. Illumination	0.1Lux/F1.6	0.2Lux/F1.6(Color) 0.02Lux/F1.6(B/W)	0.2Lux/F1.4(Color) 0.02Lux/F1.4(B/W)		
	White Balance	Auto / Manual / ATW / Indoor / Outdoor				
	AGC	Auto / Manual				
	S / N Ratio	More than 50dB				
	BLC	BLC(On / Off)				
	Electronic Shutter	PAL: 1/50~1/10,000s NTSC: 1/60~1/10,000s				
	Day & Night	Electronic		ICR		
	Digital Zoom	—			16x	
	Focus Model	Auto / Semiautomatic / Manual				
Lens	Focal Length	3.9~85.8mm, 22X	3.84~88.4 mm, 23X	3.5~105mm, 30X	3.4~122.4mm, 36X	
	Zoom Speed	Approx. 4.3s(Optical Wide-Tele)	Approx. 5.1s(Optical Wide-Tele)	Approx. 5.4s(Optical Wide-Tele)		
	Angle of View	58.0~2.22degree (Wide-Tele)	52.2~2.36degree (Wide-Tele)	56.4~2.0degree (Wide-Tele)	57.8~1.7degree (Wide-Tele)	
	Min. Working Distance	10-1000mm(Wide-Tele)	10-1200mm(Wide-Tele)	10-1000mm(Wide-Tele)		
	Aperture Range	F1.6~F3.7	F1.6~F4.5	F1.4~F3.7	F1.6~F4.5	

	Outdoor	DS-2DF1-512	DS-2DF1-514	DS-2DF1-516	DS-2DF1-518
	Indoor	DS-2DF1-502	DS-2DF1-504	DS-2DF1-506	DS-2DF1-508
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	Support			
	Number of Preset	256			
	Patrol	8 patrols, each patrol up to 32 presets			
	Pattern	4 patterns, with the total recording time not less than 10 min			
	Power-off Memory	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 inputs, priority configurable			
	Alarm Output	2 relay outputs, alarm response actions option			
	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 (Fiber Connector Option)			
	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 addible)			
	No. of Simultaneous Users	Up to 6 users			
	Dual Streams	Support			
	Mini SD Memory Card	Manual REC / Alarm REC. Compatible SDHC Standard Cards			
User/Host Level	3 Levels: Administrator, Camera control, Live 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			
	Clock Display	Time: Week: Date, 6 formats on the Client			
Fiber Optical Interface (available for fiber dome only)	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software			
	Data Mode	10M / 100M Network data			
	Physical Interface	FC/SC optional			
	Fiber Wavelength	1310/1550nm			
General	Fiber Type	Single Fiber/Singlemode			
	Transmission Distance	20Km, with 40Km, 60Km and 80Km selectable			
	Menu Language	English, Chinese			
	RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D (addible), self-adaptive			
	Power Supply	24VAC (12V DC option)			
	Power Consumption	15W max(30W max with heater, outdoor dome)			
	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 dome) TVS 3000V lightning protection, surge protection and voltage transient protection			
	Mounting	Various mounting modes option			
	Dimension	Φ220×299.2mm(8.66"×11.78")			
Weight (approx.)	5000g(11.02lbs)				
Mount Option	Wall Mount:DS-1611ZJ(White);Corner Mount:DS-1632ZJ(White); Indoor pendant mount:DS-1651ZJ(White);Ceiling Mount:DS-1642ZJ(White)				