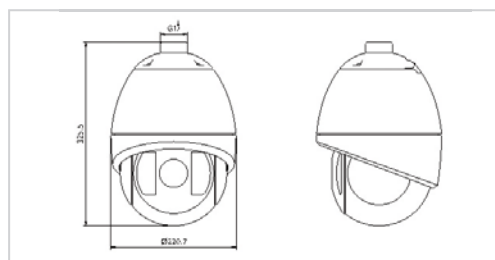




DS-2AF1-714/716/718 IR Analog Speed Dome

- 1/4" SONY CCD
- 3D intelligent positioning
- Up to 36X optical zoom, 16X digital zoom
- 80m IR range
- Weather proof: IP66 Standard

Unit: mm



Specifications

		DS-2AF1-714 (Outdoor)	DS-2AF1-716 (Outdoor)	DS-2AF1-718 (Outdoor)
Camera	Image Sensor	1/4" Sony Super HAD CCD		
	Effective Pixel	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)		
	Horizontal Resolution	Color: 480 TVL B/W: 520 TVL	Color: 540 TVL B/W: 570 TVL	
	Signal System	PAL / NTSC		
	Min. Illumination	Color: 0.2 Lux @ F1.6 B/W: 0.02 Lux @ F1.6 0 Lux with IR	Color: 0.2 Lux @ F1.4 B/W: 0.02 Lux @ F1.4 0 Lux with IR	
	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	IR Cut Filter		
	Digital Zoom	—	16x	
	Focus Model	Auto / Semiautomatic / Manual		
Lens	Focal Length	3.84 - 88.4 mm, 23X	3.5 - 105 mm, 30X	3.4 - 122.4 mm, 36X
	Zoom Speed	Approx. 5.1 s (Optical Wide-Tele)	Approx. 5.4 s (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 - 1,200 mm (Wide-Tele)	10 - 1,000 mm (Wide-Tele)	
	Aperture Range	F1.6 - F4.5	F1.4 - F3.7	F1.6 - F4.5

		DS-2AF1-714 (Outdoor)	DS-2AF1-716 (Outdoor)	DS-2AF1-718 (Outdoor)
Pan and Tilt	Pan Range	360° endless		
	Pan Speed	Pan Manual Speed: 0.1° - 160°/s, Pan Preset Speed: 240°/s		
	Tilt Range	-10° - 90° (Auto Flip)		
	Tilt Speed	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		
	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	
	Password Protection	Support		
	Zone Scanning/Display	Scanning within programmed zone, display zone title		
	Camera Title	Programmable title display		
	Compass	Support , the north can be set		
	Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan		
	RS-485 communication diagnosis	Including failure information, e.g., wrong address, baud rate errors, et., displayed on the video screen in text		
	Manchester code and connection failures diagnosis	Including failure information, e.g., wrong address, baud rate errors s displayed on the video screen in special characters		
Infrared	IR Range	80 m		
	IR irradiation angle	Adjustable by zoom		
Alarm	Alarm Input	7		
	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	1.0 V [p-p] / 75 Ω, NTSC (or PAL) composite, BNC		
Fiber Interface (available for fiber dome only)	Data Mode	1-channel analog video and 1-channel reverse RS-485 data		
	Physical Interface	FC / SC optional		
	Fiber Wavelength	1310 / 1550 nm		
	Fiber Type	Single Fiber / Single mode		
	Transmission Distance	20 km, 40 km / 60 km / 80 km optional		
General	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	30 W max		
	Working Temperature / Humidity	-30 °C - 65 °C (-22 °F - 149 °F) (outdoor 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	Φ220.7 × 325.5 mm (Φ8.69" × 12.81") (Outdoor)		
	Weight (approx.)	5.5 kg (12.13 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		