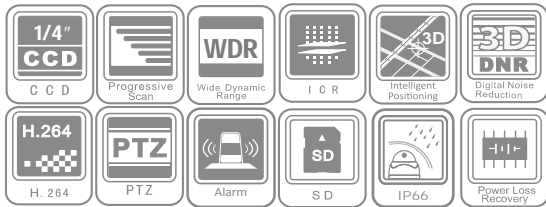


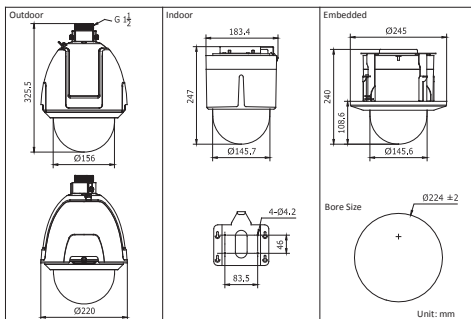
DS-2DF1-513/515/517-B WDR Network High Speed Dome



Key features

- 1/4" SONY EXVIEW HAD progressive scan CCD
- True day / night
- 128x wide dynamic range
- 3D intelligent positioning function
- 3D digital noise reduction
- Programmable alarm triggering
- IP66 rating

Dimensions



Accessories



DS-1614ZJ
(Long-arm Wall Mount Bracket)

Specifications

	DS-2DF1-513-B(Outdoor) DS-2DF1-503-B (Indoor) DS-2DF1-533-B (In-ceiling)	DS-2DF1-515-B (Outdoor) DS-2DF1-505-B (Indoor) DS-2DF1-535-B (In-ceiling)	DS-2DF1-517-B(Outdoor) DS-2DF1-507-B(Indoor) DS-2DF1-537-B(In-ceiling)
Camera			
Image sensor	1/4" SONY EXVIEW HAD progressive scan CCD		
Effective pixel	PAL:752(H)×582(V), NTSC:768(H)×494(V)		
Horizontal resolution	Color: 540 TVL, B/W: 570 TVL		
Signal system	PAL / NTSC		
Min.illumination	Color: 0.7Lux/F1.4, B/W: 0.01Lux/F1.4	Color: 0.65 lux@F1.35, B/W: 0.005 lux@F1.35	Color: 1.4 lux@F1.6, B/W: 0.01 lux@F1.6
White balance	Auto / Manual / ATW / Indoor / Outdoor / Outdoor Auto /sodium lamp		
AGC	Auto / manual		
S/N ratio	≥ 50dB		
BLC	On / off		
WDR	128x (on / off / auto)		
Anti-shake	--	On / off	
Shutter time	PAL: 1/3 - 1/10,000s, NTSC: 1/4 - 1/10,000s		
Day & night	IR cut filter		
Digital zoom	12x		
Privacy mask	24 privacy masks programmable		
Focus model	Auto / semi-automatic / manual		
Lens			
Focal length	4.1-73.8mm, 18X	3.5-98mm,28X	3.4-122.4mm,36X
Zoom speed	Approx.2.0s(Optical Wide-Tele)	Approx.1.7s(Optical Wide-Tele)	Approx.2.7s(Optical Wide-Tele)
Angle of view	48-2.8° (Wide-Tele)	55.8-2.1° (Wide-Tele)	57.8-1.7° (Wide-Tele)
Min. working distance	290-800mm (Wide-Tele)	10-1,500mm(Wide-Tele)	320-1,500mm(Wide-Tele)
Aperture range	F1.4 - F3.0	F1.35 - 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°-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-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	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	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/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		
Fiber interface (available for fiber dome only)			
Data mode	10 Base-T / 100 Base-TX		
Physical interface	FC(SC optional)		
Fiber wavelength	TX1310/RX1550nm		
Fiber type	Single Fiber/Singlemode		
Transmission distance	20Km, 40Km / 60Km/ 80Km optional		
General			
Menu Language	English, Chinese		
RS-485 Protocols(optional)	HIKVISION, Pelco-P, Pelco-D, self-adaptive		
Power Supply	24VAC (12V DC 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 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	Φ 220 × 325.5mm (Φ 8.66" × 12.81") (outdoor), Φ 183.4 × 247mm (Φ 7.22" × 9.72") (indoor) Φ 245 × 240mm (Φ 9.65" × 9.45") (in-ceiling)		
Weight (approx.)	5kg (11.02lbs)		