

## DS-2AF1-513/515/517-B DS-2AF1-503/505/507-B

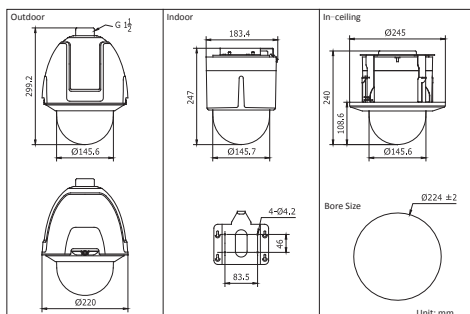
## WDR Analog High Speed Dome



### Key Features

- 1/4" Sony EXVIEW HAD progressive scan CCD
- 128x wide dynamic range
- 540 TVL high resolution
- True day / night
- 3D intelligent positioning function
- 3D digital noise reduction
- IP66 rating

### Dimensions



### Accessories



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

	DS-2AF1-513-B (outdoor) DS-2AF1-503-B (indoor) DS-2AF1-533-B (in-ceiling)	DS-2AF1-515-B (outdoor) DS-2AF1-505-B (indoor) DS-2AF1-535-B (in-ceiling)	DS-2AF1-517-B (outdoor) DS-2AF1-507-B (indoor) DS-2AF1-537-B (in-ceiling)
<b>Camera</b>			
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: 0.7 lux@F1.4 B/W: 0.01 lux@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		
AGC	Auto / manual		
S/N ratio	≥ 50dB		
BLC	On / off		
WDR	128x (on / off / auto)		
Anti-shake	—	On / off	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; a maximum of 8 zones can be masked simultaneously on the same video screen		
Focus model	Auto / semi-automatic / manual		
<b>Lens</b>			
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
<b>Pan and tilt</b>			
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 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 communication diagnosis	Including failure information, e.g., wrong address, baud rate errors s displayed on the video screen in special characters		
<b>Alarm</b>			
Alarm input	2 (additional wires required)		
Alarm output	2 relay outputs, alarm response actions configurable (additional wires required)		
Alarm action	Preset / patrol / pattern / pan scan / tilt scan / random scan / frame scan / panorama scan / relay output		
<b>Input / output</b>			
Monitor output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC		
<b>Fiber interface (available for fiber dome only)</b>			
Data mode	1-channel analog video and 1-channel reverse RS-485 data		
Physical interface	FC (SC optional)		
Fiber wavelength	TX1310 / RX1550nm		
Fiber type	Single fiber / single mode		
Transmission distance	20km, 40km / 60km / 80km optional		
<b>General</b>			
Menu language	English, Chinese		
RS-485 protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive		
Power supply	24 VAC (12 VDC optional)		
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), TVS 3,000V lightning protection, surge protection and voltage transient protection		
Mounting	Various mounting modes optional		
Dimensions	Φ 220 × 299.2mm (Φ 8.66" × 11.78") (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)		