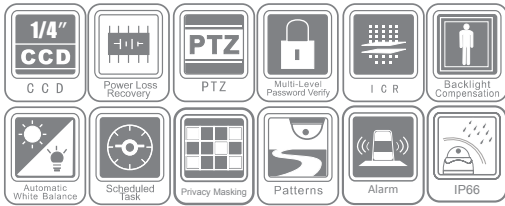


DS-2AF1-412/402

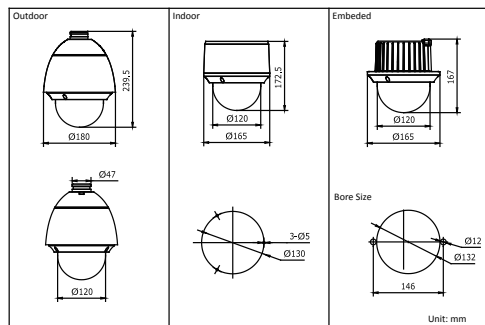
Analog Speed Dome



Key features

- 1/4" Sony CCD
- High resolution of 540TVL (Color) /600TVL (B/W)
- True Day/Night
- 3D intelligent positioning
- 12x optical zoom, 16x digital zoom
- IP66 weatherproof rating(DS-2AF1-412)

Dimensions



Accessories



DS-1618ZJ
(wall mount)



DS-1661ZJ
(ceiling mount)



DS-1662ZJ
(ceiling mount)

DS-2AF1-412(Outdoor) / DS-2AF1-402(Indoor)

Camera	
Image sensor	1 / 4" SONY Interline Transfer Super HAD- II CCD
Effective pixel	PAL:752(H)×582(V), NTSC:768(H)×494(V)
Horizontal resolution	Color: 540 TVL, B / W: 600 TVL
Signal system	PAL / NTSC
Min.illumination	Color: 0.2Lux / (F1.6 AGC ON); B / W: 0.02Lux / (F1.6 AGC ON)
White balance	Auto / ATW / Indoor / Outdoor / One push
AGC	Auto / Manual
S / N ratio	≥ 50dB
DNR	High / Medium / Low / off
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
Privacy masking	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Focus model	Auto / Semiautomatic / Manual
Lens	
Focal length	3.8-45.6mm,12x
Zoom speed	Approx.2s(Optical Wide-Tele)
Angle of view	50.69 - 4.5° (Wide-Tele)
Min. working distance	10-1500mm (Wide-Tele)
Aperture range	F1.6 - F2.7
Pan and tilt	
Pan range	360° endless
Pan speed	Pan Manual Speed: 0.1° -200° / s, Pan Preset Speed: 200° / s
Tilt range	-2°-90° (Auto Mirror)
Tilt speed	Tilt Manual Speed: 0.1°-120° / s, Tilt Preset Speed: 120° / s
Proportional zoom	Rotation speed can be adjusted automatically according to zoom multiples
Number of preset	255
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
Alarm	
Alarm input	2
Alarm output	1 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
General	
Menu language	English
RS-485 protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power supply	24 VAC (12 VDC optional)
Power consumption	Max.18 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 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	Φ180×239.5mm (Φ7.08"×9.43") (Outdoor) Φ165×172.5mm(Φ6.50"×6.79") (Indoor) Φ165×167mm(Φ6.50"×6.57") (In-ceiling)
Weight (approx.)	4Kg (8.82lbs)