

# AP312/313-OD

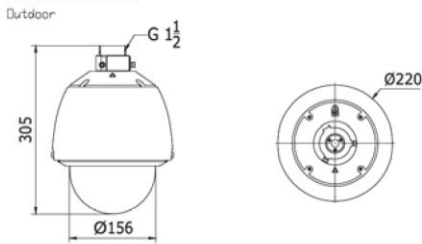
## HD1080P Analog PTZ Dome Camera



### Key Features

- 2MP CMOS Image Sensor
- Full HD 1080P Video Output
- 23X / 30X optical zoom, 16X digital zoom
- Support up the coax function
- Privacy Masking, 3D DNR, D WDR, EIS
- 3D intelligent positioning
- True Day&Night

### Dimensions



### Accessories



DS-1601ZJ



DS-1601ZJ-corner



DS-1601ZJ-pole



DS-1601ZJ-box

	AP312-OD	AP313-OD
<b>Camera</b>		
Image Sensor	1 / 3" CMOS	
Effective Pixel	3270K	
Horizontal Resolution	1100TVL	
Signal System	PAL / NTSC	
Min. Illumination	Color: 0.2Lux@( F1.6,AGC ON) ; B / W: 0.02Lux@( F1.6,AGC ON)	
White Balance	Auto / Manual / ATW / Indoor / Outdoor	
AGC	Auto / Manual	
S / N Ratio	≥50dB	
3D DNR	Support	
Digital WDR	Support	
EIS	Support	
Backlight Compensation	Support	
Shutter Time	PAL: 1-1 / 10,000s ; NTSC: 1-1 / 10,000s	
Day & Night	IR Cut Filter	
Digital Zoom	16x	
Privacy Mask	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen	
Focus Model	Auto / Semiautomatic / Manual	
<b>Lens</b>		
Focal Length	4-92mm, 23X	4-120mm, 30X
Zoom Speed	Approx.3.0s(Optical Wide-Tele)	Approx.3.0s(Optical Wide-Tele)
Angle of View	49-2.2 degree(Wide-Tele)	58-1.7 degree(Wide-Tele)
Min. Working Distance	10-1000mm (Wide-Tele)	10-1500mm (Wide-Tele)
Aperture	F1.6-F3.7	F1.6-F4.4
<b>Pan and Tilt</b>		
Pan Range	360° endless	
Pan Speed	Pan Manual Speed: 0.1°-250° / s; Pan Preset Speed: 300° / s	
Tilt Range	-5°-90° (Auto Flip )	
Tilt Speed	Tilt Manual Speed: 0.1°-150° / 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 minutes	
Power-off Memory	Support	
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan	
PTZ Position Display	On / Off	
Preset Freezing	Support	
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Frame Scan / Random scan / Panorama scan	
RS-485 communication diagnosis	Support	
<b>Input / Output</b>		
Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC	
RS-485 Interface	Half-duplex mode; Self-adaptive HIKVISION, Pelco-P, Pelco-D protocol	
UTC function	Self-adaptive PELCO_C, HIKVISION_C(need UTC controller)	
<b>General</b>		
Menu Language	English, Chinese	
Power	24VAC; Outdoor dome: Max. 20W (Heater On), Max. 12W(Heater Off); Indoor dome: Max.12W	
Working Temperature / Humidity	-30 °C-65°C(-22°F-149°F)(outdoor dome) 90% or less	
Protection Level	IP66 standard (outdoor dome)	
Mounting	TVS 4,000V lightning protection, surge protection and voltage transient protection	
Mounting	Various mounting modes optional	
Dimensions	φ220×305mm (φ8.66"×12.00")(Outdoor)	
Weight (approx.)	5Kg (11.02lbs)	
Mount Option (only suitable for outdoor dome)	Long-arm wall mount: DS-1601ZJ; Corner mount: DS-1601ZJ-corner; Pole Mount: DS-1601ZJ-pole; Power box mount:DS-1601ZJ-box	
Weight	500g	