

## AR112-IR

### 1080P Turbo IR PTZ Dome Camera



#### Key Features

- 1/3" , 1/2.8" HD Progressive Scan CMOS
- 1920x1080
- 23X Optical Zoom
- DWDR
- Up to 100m IR distance
- 3D intelligent positioning function
- Support Turbo HD and CVBS output

AR112-IR PTZ Dome Cameras are able to capture high quality images in low light environment with its black anti-reflective glass. The black anti-reflective glass increase the luminousness which can reach up to 100m IR distance.

Embedded with HD progressive scan CMOS chip makes WDR and 2MP real-time resolution possible. With the 23X optical zoom Day/Night lens, the camera offers more details over expansive areas.

## Function Description

### **System function:**

- *1/3", 1/2.8" high performance CMOS, up to 1920x1080 resolution*
- *±0.1 ° Preset Accuracy*
- *Self-adaptive to HIKVISION, Pelco-P/D protocol*
- *3D intelligent positioning function*
- *Power-off memory function: restore PTZ & Lens status after reboot*
- *Built-in temperature sensor, with display of internal temperature*
- *Lightning protection, surge protection and voltage transient protection*
- *IP66 standard (outdoor dome)*
- *RS-485 communication diagnosis*
- *Scheduled PTZ movement*
- *UTC(Up the Coax) function*
- *CVBS output*

### **Camera function:**

- *Auto focus, auto white balance, backlight compensation and auto/manual day & night switch*
- *Privacy masks programmable*
- *3D DNR, digital zoom*
- *DWDR, EIS*

### **PTZ function:**

- *360 ° endless pan range and -15 ° -90 ° tilt range*
- *80 ° /s Pan Preset Speed and 80 ° /s Tilt Preset Speed*
- *0.1 ° -80 ° /s Manual Pan Speed and 0.1 ° -80 ° /s Manual Tilt Speed*
- *256 presets programmable; preset image freezing capability*
- *8 patrols, up to 32 presets per patrol*
- *4 patterns, with the total recording time not less than 10 minutes*
- *Proportional zoom function*
- *Park action: auto call up of PTZ movement, after a defined time of inactivity*

### **IR function:**

- *0 Lux minimum illumination*
- *Up to 100m IR distance*
- *IR light MTBF reaching up to 30,000 hours*
- *Smart IR mode*



## AR112-IR

# 1080P Turbo IR PTZ Dome Camera

<b>Model</b>	<b>AR112-IR</b>
<b>Camera Module</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.05Lux@( F1.4,AGC ON); B/W: 0.005Lux@( F1.4,AGC ON), 0 Lux with IR
Max. Image Resolution	1920 x 1080
Focal Length	4-92.0mm, 23x
Digital Zoom	<b>16X</b>
Zoom Speed	Approx.3s(Optical Wide~Tele)
Angle of View	49-2.2 degree(Wide-Tele)
Min. Working Distance	10~1,000mm(Wide~Tele)
Aperture Range	F1.4-F3.5
Focus Mode	Auto / Semiautomatic / Manual
DWDR	Support
S / N Ratio	≥ 50dB
Shutter Time	1-1/10,000s
AGC	Auto / Manual
White Balance	Auto / Manual / ATW / Indoor / Outdoor
Day & Night	IR Cut Filter
Privacy Mask	<b>8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen</b>
Enhancement	<b>3D DNR, BLC, EIS</b>
<b>Pan and Tilt</b>	
Range	Pan:360° endless; Tilt: -15°~90°(Auto Flip)
Speed	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s
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
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Panorama scan
RS-485 communication diagnosis	Support
<b>Infrared</b>	
IR Distance	Up to 100m
IR Intensity	Automatically adjusted, depending on the zoom ratio
<b>Input/ Output</b>	
Turbo HD Output	1 turbo HD1080P output, 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
CVBS 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	HIKVISION_C

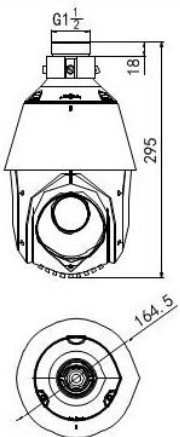
# AR112-IR

## 1080P Turbo IR PTZ Dome Camera

### General

Menu Language	English
Power	12VDC, Max.18W
Working Temperature / Humidity	-30 °C-65°C(-22°F-149°F) 90% or less
Protection Level	IP66 standard TVS 4,000V lightning protection, surge protection and voltage transient protection
Mounting	Various mounting modes optional
Dimensions	Φ164.5(mm)×295(mm)
Weight (approx.)	2Kg (4.41lbs)
Mount Option (only suitable for outdoor dome)	Long-arm wall mount: 1602ZJ; Corner mount: 1602ZJ-corner; Pole Mount: 1602ZJ-pole; Power box mount:1602ZJ-box; Swan-neck mount: 1619ZJ

### Dimensions



Unit:mm

### Accessories



1602ZJ  
Wall Mount



1602ZJ-Conner  
Conner Mount



1602ZJ-Pole  
Pole Mount



1602ZJ-Box  
Box Mount



1663ZJ  
Ceiling mount



1661ZJ  
Pendant mount



1662ZJ  
Pendant mount



1618ZJ  
Short arm wall  
Mount



1005KI  
USB Joy-stick