

# TVI-AP112 Series

## 1MP HD-TVI Indoor & Outdoor PTZ Cameras

**HD-TVI High Definition video over coaxial cable**



TVI-AP112-ID



TVI-AP112-OD

### Features:

- 1/3" high performance CMOS, up to 1280x720 resolution
- Incorporates HD-TVI to provide HD 720p video over coaxial cable
- 4mm - 120mm 23X Optical Zoom
- 16X Digital Zoom
- ±0.1° Preset Accuracy
- 3D intelligent positioning function
- Power-off memory function: restores PTZ & Lens status after reboot
- Built-in temperature sensor, with internal temperature display
- Lightning protection, surge protection and voltage transient protection
- IP66 standard (outdoor dome)
- RS-485 communication compatibility
- Scheduled PTZ movement
- UTC(Up the Coax) function



### Camera function:

- Auto focus, auto white balance, backlight compensation and auto/manual day & night switch
- Programmable privacy masks
- 3D Digital Noise Reduction, digital zoom
- Digital Wide Dynamic Range, EIS

### PTZ function:

- 360° endless pan range and 0°-90° tilt range
- 160°/s Pan Preset Speed and 120°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/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

### Ordering Information:

TVI-AP112-ID 1MP HD-TVI Indoor PTZ Camera  
 TVI-AP112-OD 1MP HD-TVI Outdoor PTZ Camera

### Mounting Options for TVI-AP112-OD



# TVI-AP112 Series

## 2MP HD-TVI Indoor & Outdoor PTZ Cameras

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### Camera Module

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.05Lux@( F1.6, AGC ON); B/W: 0.01Lux@( F1.6, AGC ON)
Max. Image Resolution	1280 x 720
Focal Length	4 - 120mm, 23x
Digital Zoom	16X
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	F1.6 - F3.7
Focus Mode	Auto / Semiautomatic / Manual
DWDR	Supported
S / N Ratio	≥50dB
Shutter Time	1 - 1/10,000s
AGC	Auto / Manual
White Balance	Auto / Manual / ATW / Indoor / Outdoor
Day & Night	Cut Filter
Privacy Mask	8 privacy masks programmable; a maximum of 8 zones can be masked simultaneously on the same video screen
Enhancements	3D Digital Noise Reduction, Back Light Control, EIS

### Pan and Tilt

Range	Pan: 360° endless; Tilt: 0° - 90° (Auto Flip)
Speed	Pan Manual Speed: 0.1° - 160°/s, Pan Preset Speed: 160°/s Tilt Manual Speed: 0.1° - 120°/s, Tilt Preset Speed: 120°/s
Number of Presets	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	Supported

### Inputs/Outputs

Turbo HD Output	1 turbo HD720P output, 1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
CVBS Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
Alarm Inputs	2
Alarm Outputs	1
RS-485 Interface	Half-duplex mode Self-adaptive Pelco-P, Pelco-D protocol

### General

Menu Language	English
Power	24VAC (Included) Outdoor dome: Max. 18W (Heater On), Max. 12W(Heater Off) Indoor dome: Max.12W
Working Temperature	-30°C - 65°C (-22°F-149°F)
Working Humidity	90% or less
Protection Level	IP66 standard (Outdoor version) TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions	185 x 330mm (7.28" x 12.99")
Weight (approx.)	4Kg (8.81Lbs)

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