



**Loyalty-Secu Electronics Co., LTD**

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## **4 Inch 720P 20X AHD (2 In 1) PTZ Camera**

**LY-AHD-7W30**

### **Main Features:**

- **HD 1.3MP/720P ,Camera Solution:  
Nextchip2431+AR0130**
- **20X Optical zoom, Lens: 4.7- 94mm**
- **HD Over Coax Analog PTZ Camera**
- **2 In 1 (AHD,CVBS)**
- **4 pcs Array LEDs+ 2 pcs Laser LEDs,  
IR Distance up to 100m**
- **Waterproof/Dustproof: IP66**
- **4 Inch ,High Speed Dome**
- **Power Supply: 12V 2A**



## Highlights

### 4 Inch Mini AHD 2 In 1 PTZ Camera System:

- **HD Over Coax Analog 720P AHD 4 In 1 PTZ Camera**
- 20X Optical Zoom, can be displayed as 36X, Lens: 4.7-94mm
- 720P AHD PTZ security camera (speed dome) with built-in infrared night vision
- Captures high definition video surveillance at 1280 x 720 resolution (1.3 MP)
- 4PCS ceramic package array LEDS+2PCS laser LEDs, auto-switch to long/middle/close distance focus, IR distance up to 100m.
- Using the high accuracy stepping motor, work with the high performance motor driver, ensure the PTZ camera work under a stable, accurate, and less vibration condition.
- Support: Guard position/Power up Action /Park action/3 groups Tours /Pattern/Area scanning/360° horizontal scanning.
- All metal housing, water-proof grade: IP66, high & low temperature resistant, weather-proof
- 2-In-1 PTZ Camera -- AHD, CVBS Mode for option
- Rotating speed: Horizontal: 0.1°~100°/S , Vertical : 0.1°~100°/S
- With 3 Groups lighting control, Infrared LEDs and focal length Auto-Matching Algorithm, adopting the Long-Mid-Near 3 group lighting design.
- Support guard tour setting, power up action, idle motion, two point scan, camera track scan, 4pcs cruise scan ,continuous 360° rotation, etc

**HD Over Coax 20X AHD 2 In 1 PTZ Camera Datasheet:**

<b>Camera</b>	
Model	LY-AHD-7W30
Image Sensor	AR0130
DSP	Nextchip2431
Analog Definition	<b>1.3MP 1280 X 720</b>
Video System	PAL/NTSC
Minimum Illumination	Color: 0.1Lux B/W: 0.01Lux
Video Output	AHD-H(1Vp-p 75Ω)
Noise-Signal Ratio	≥50DB
Lens	4.7 to 94mm (F1.6 to F2.7) 20X Optical zoom
Zoom Speed	Approx.4s (Optical Wide-Tele)
Angle of View:	55.4°-2.9° (Wide-Tele)
<b>PTZ Control</b>	
IR Distance	100m
Horizontal Range	-15°~360° continuously
Vertical Range	-15°~90°
Horizontal Speed	<b>0.05°~100°/s</b>
Vertical Speed	<b>0.05°~100°/s</b>
Max Speed	100°/S
Preset	256
Patrol Scan	4pcs (10 preset for each)
L/R Scan	1pc
Horizontal Scan	1pc
Power-off Memory	Support
PARK Action	Watch position/ Area Scan /Horizontal 360°scan/ Cruise

Watch Position	Support
Wide Angle Speed Limit	Focus / speed automatic matching function
Analog Video Output	1.0Vpp/75Ω,NTSC or PAL,BNC Interface
Control Interface	Support: 1. Coax cable control 2.RS485
<b>General</b>	
Power Supply	DC12V/2A
Consumption	<15W
Work Environment	Temperature : -20~60°C; humidity<90%
Protection Level	IP66 waterproof,4000V lightning protection
GW	2.5KG

**Product Dimension:**

