



## Shenzhen Loyalty-Secu Technology Co., LTD

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### 4 Inch 2MP Mini 20X IP PTZ Camera

LY-MIP-7W07

#### Main Features:



- **2MP/1080P, Camera Solution:  
Hi3516Ev200+GC2053**
- **Lens: 20X Optical zoom, 4.7- 94mm**
- **4 PCS Array LEDs+ 2 PCS Laser LEDs ,IR  
Distance : 100M**
- **Intelligent analysis + Active defense + Auto  
Tracking (Humanoid Detection Recognition,  
Auto Zoom Tracking)**
- **Support Audio Input/Output**
- **Free APP: Smartviewer Pro**
- **POE Function Optional**
- **Video Compression: H.265/H.264/MJPEG**

## Mini 2MP Infrared Humanoid Recognition PTZ Camera

**Loyalty-Secu Mini 4 Inch 2MP Network PTZ Camera** is the most cost effective pan tilt zoom camera in the market which not only completely solved the short distance troubles when compared with traditional 2.5 or 3 inch ptz camera 50m ir distance, but also minimizing the heavy shipping cost for overseas clients when compare with the 6 or 8 inch ptz cameras.

**The 4 Inch IP Infrared PTZ Network Camera** integrates the powerful features like Intelligent analysis, Active defense, auto Tracking (high accuracy humanoid detection recognition, intelligent AI alert auto zoom tracking), high speed pan tilt zoom ability, perfect dynamic monitoring image display, brings an excellent peace of mind experience in the world.

**Loyalty-Secu 1080P Infrared Mini High Speed IP PTZ Camera** with a small 4 inch body, equipped with 4 pcs high quality OSRAM array LEDs + 2 pcs long range laser LEDs, a 4.7~94mm lens 20X optical zoom, ensure the camera work under the stable 100m IR work distance, it's the low cost and user friendly surveillance solution for home, office, store, park, bank, supermarket, farm, railway station, subway, airport and so on

### 4Inch Mini 2MP IP PTZ Camera Selling Point:

- \* Mini 4 Inch IP PTZ Camera
- \* HD 2MP/1080P, Sony Chipset Solution
- \* Intelligent Analysis + Active Defense + Auto Tracking
- \* 20X Optical Zoom, 4.7~94mm lens
- \* IR Night Vision 100m
- \* ONVIF2.5: Compatible with HIKVISION, DAHUA, XM, Video park NVR etc
- \* Compatible with CMS, Milestone, NUUO and AXXON platform etc
- \* Support Audio Input/Output, POE function is optional.
- \* Professional & Free APP: Smartviewer Pro
- \* Accept PTZ Camera Customization
- \* Low Cost & High Work Performance, particularly suitable for worldwide marketing

## Product Description

### 4 Inch Mini 2MP IP IR PTZ Camera 20X Zoom Description:

- The most cost effective Mini 2MP IP PTZ Camera in the market
- With audio input/output function, POE customization is available
- 4 PCS high quality array LEDs+ 2PCS Laser LEDs, auto-switch to long/middle/close distance focus, IR distance up to 100M.
- Humanoid recognition, intrusion detection based on AI intelligent analysis. Supports preset position guards and cruise guards
- Support auto tracking function, after finding the target that meets the intrusion rule, the dome will immediately rotate the target-centered position to zoom in and track the target motion. In this way, the monitoring personnel can see clear target characteristics and provide objective and realistic video data for the identity of the suspicious individual and the after-the-fact comparison.
- Support dual stream, H.265/H.264/MJPEG video compression. With multiple levels of video quality configuration Infrared light and magnification range matching algorithm based on IR distance, ensure the suitable brightness and angle for best image quality.
- All metal material, IP66 waterproof, weatherproof
- Built-in surge and lightning protection device, effectively preventing 4000V instantaneous current.

### 1080P 20X IP Network PTZ Camera Datasheet:

Model	LY-MIP-7W07
Image Sensor	1/2.8" CMOS
Camera Solution	<b>Hi3516Ev200+GC2053</b>
Minimum Illumination	Color: 0.001Lux, B/W: 0.001Lux,0 Lux with IR
3D NDR/WDR	Support
Electronic Shutter	AUTO

Day Night Mode	AUTO ICR Color to B/W
Focal Length:	4.7-94mm,20X Optical Zoom, (F1.6 to F2.7)
Zoom Speed	Approx.4s(Optical Wide~Tele)
Angle of View:	55.4-2.9°(Wide-Tele)
Resolution	1920(H)x1080(V)
Main Stream	25fps:(1920×1080) (1280×960) (1280×720)
Sub Stream	25fps: D1, VGA, 640×360
Video Compression	H.265/H.264/MJPEG
Network protocol	HTTP/RTSP/RTMP/DHCP/NTP/ONVIF/NTP/UPNP/GB28181
Interface protocol	ONVIF 2.5
AI Functions	<b>Intelligent analysis + Active defense + Auto Tracking (Humanoid Detection &amp; Auto Zoom Tracking)</b>
APP	Smartviewer Pro
IR Distance	100m
Horizontal Range	0°~360° continuously
Vertical Range	-5°~90°
Vertical/Horizontal 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
POE supply voltage	DC48V
POE Supply Pin	1,2(+) 3,6(-) / 4,5(+) 7,8(-) Auto adapting
Power/Consumption	DC12V/2A,<15W
Mounting	Wall mounting or lifting
Work environment	Temperature : -20~60°C; Humidity<90%

Protection level	IP66 waterproof, <b>4000V</b> lightning protection
Product Size	229*132mm
Packing Box Size (CM)	31*19*18CM (1PCS)
Packing Box Weight (KG)	2.35KG (1 PCS)
Carton Size (CM)	64*41*38CM (8 pcs in one carton)
Carton Weight (KG)	19.3KG (8 PCS in a carton)

**Product Dimension:**

