

## 8Inch High Speed 4MP 33X Laser IR 600M WDR IP PTZ Dome Camera



LOYALTY-SECU 4MP 33X Optical Zoom 4MP Network Outdoor PTZ Camera, High Speed Security PTZ Dome, Long Range Infrared Night Vision up to 600m with 120db WDR

## LY-H8-433P

# 1. Selling Points

- i. **8inch 4MP Pan Tilt Zoom IP Camera:** 8-inch network PTZ dome camera, full HD 4MP video resolution with 33X zoom, H.265 video compression saves half storage space, lower storage cost.
- ii. **Smart Tracking Makes Surveillance Effective:** This 4MP Laser IR PTZ camera can do multi-behavior detection (such as cross border and regional invasions), and push alarm message to your phone in real time. Also, it can automatically follow the people's movement and intelligently return to the original guard position until the human leave monitoring area, giving your family and property more protection without missing some important details. Meanwhile, our security camera is powered by the high speed motors to deliver enhanced smooth tracking experiences.
- iii. **Pan Tilt Zoom Capacity:** 0.05°~240°/s; PTZ range: Horizontal: 0~360°, Vertical: -5°~90°; 5.5-180mm lens, 33X Optical Zoom.
- iv. **Night Vision Day/Night Switch:** 12pcs High quality array LEDs+ Synchronous zoom laser, auto-switch to long/middle/close distance focus, 600M(1969ft) IR distance. It is able to see up to 600m(1969ft) away from the camera with a switchable low beam/high beam LED set at infrared night vision in response to different levels of zoom.
- v. **Support Multiple Power Inputs: DC24V/AC24V/POE:** Brings many availabilities for the camera cable fixing, so the customers can choose the suitable one based on the actual environment.
- vi. **Audio In/Out+ Alarm In/Out+ CVBS out:** Particularly suitable for the occasions where need the high-end monitoring standard.
- vii. **With Fog Penetrating & Heat Wave Elimination:** Support to turn on/off, Electronic & Optical Fog Penetrating.

# 2. Brief Introduction

## 8inch 4MP 33X Infrared Laser IR High Speed PTZ Camera Outdoor

The High Speed PTZ Camera adopts the advanced surveillance technology, it's not only bringing the rich AI Functions, such as behavior detection, motion detection for long-distance video surveillance, but also delivers great video quality, reliable operation, a long & stable operating life, and a wonderful using experience.

The 33X IP PTZ Dome Camera can be used indoor and outdoor area to monitor the large area, with the Pan Tilt Zoom feature, one PTZ Camera can replace more than 5pcs conventional fixed lens IP camera which with constant angle, money & labor saving greatly.

### 3.Features

- i. H.265 efficient decoding for reduced bandwidth and storage space while recording
- ii. 4 Megapixel 2560(H)x1440@30fps,1920 x1080@30fps/25fps, 33X optical zoom
- iii. High speed pan tilt zoom with 360 degrees endless horizontal rotation, -5 degrees upward tilt and 90 degrees downward movement
- iv. 12pcs High quality array LEDs+ Synchronous zoom laser, long range infrared LED night vision up to 600m(1969ft)
- v. Support ONVIF 2.4, Hikvision private protocol, Support H5, Support multiple browsers: IE/Edge/Chrome/Fire fox
- vi. 120dB true WDR technology enables clear image in strong light scene
- vii. High Speed PTZ 0.05-240°/S, 360° all-frame endless rotation
- viii. Industrial-level IP66 waterproof shell with an operating temperature rating at -20~60°C to tackle extreme weathers
- ix. With multiple power inputs for option: DC24V/AC24V/POE

### 4.Other Features

#### 4.1. Protect Your Property at Night

Your property will be covered by the superior night vision of LOYALTY-SECU 4MP PTZ camera with 12pcs High quality array LEDs+ Synchronous zoom laser. The Laser IR illumination distance can reach up to 600m(1969ft) depending on the scene.

#### Excellent Night Vision



## 4.2. Smart Automatically Patrol

**Customized Presets and Curies - Monitor and patrol in any direction you cared!**

Patrol: Up to 4 patrol groups;

Preset: 10 presets per patrol group

Patrol time: Adjustable

### Intelligent Cruise Tracking

Automatically Patrol



## 4.3. Waterproof IP66 & 8000V Thunder-proof

The security outdoor camera is equipped with an IP66 rated weatherproof metal shell and supports **8000V Thunder-proof**, designed to operate the security PTZ camera even in some real extreme weather conditions.



#### 4.4. Support Local storage and playback

The PTZ camera supports micro SD card up to 256GB. Insert a Micro SD card, and then it is a completed remote home security system. When the SD card is full, the new recordings will overwrite the old ones, it can make sure the recording of security camera working normally all the time. Meanwhile you can play videos via your mobile phone APP directly.



#### 4.5. Intelligent WDR Function& Real Color

With true 120Db WDR technology, it can produce images of good clarity even under varying light conditions by using different shutter speeds to allow lighter in some darker areas of the image and less light in others brighter. The sensor's exposure to light-receiving from the exterior environment is controlled to achieve a compensated vision.



## 5.What's Included?

Manual, PTZ Camera, Wall Bracket (default) and installation screws.

## 6.Specification

Camera	
Model	LY-H8-433
Camera Sensor	1/2.8" CMOS
Camera DSP	Hi3516DV300
Minimum Illumination	Color: 0.001Lux, B/W: 0.0005Lux,0 Lux with IR Ultra Low illumination
Storage space	Max 256GB Micro SD card
3D NDR	Support
WDR	120db
Electronic Shutter	Supports automatic and manual electronic shutter 1/3~1/30000s
Day Night Mode	AUTO ICR Color to B/W
Fog penetration	Electronic Fog penetration +Optical Fog penetration
Anti-shake	Digital anti-shake
Focal Length:	5.5-180mm, 33X Optical Zoom
Digital zoom	16X Digital zoom
Zoom Speed	Approx.3.5s (Optical Wide~Tele)
Angle of View:	57°-2.3°(Wide-Tele)
Resolution	2560(H)x1440(V)
Mainstream	PAL: 25FPS (2560×1440) NTSC: 30FPS (2560×1440)
Network protocol	TCP/IP, HTTP, NTP,IGMP,DHCP,UDP,SMTP,RTP,RTSP,ARP,DDNS,DNS,IPv6
Interface protocol	ONVIF (Profile S, Profile G)
AI function	

Behavior detection	Cross border detection, regional invasion, entering area, leaving area, wandering detection, rapid movement, personnel gathering, parking detection, items left behind and objects movement.
Anomaly detection	Motion detection, sound detection
PTZ Control	
IR Distance	<b>600m</b>
Horizontal Range	0°~360° continuously
Vertical Range	-10°~90°
Horizontal Speed	<b>0.05°~240°/s</b>
Vertical Speed	<b>0.05°~180°/s</b>
Max Speed	240°/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
General	
Power	DC12V/4A(Compatible with AC24V input)
Consumption	<40W
Mounting	Wall mounting or lifting
work environment	temperature : -30~60℃; humidity<90%
Protection level	IP66 waterproof, <b>8000V</b> lightning protection
GW	7.5KG
Power	DC12V/4A (Compatible with AC24V input)

## 7.Product Dimension:

