8Inch 4K 8MP 52X Zoom Laser IR 800M IP PTZ Camera System Outdoor

LOYALTY-SECU 8MP 4K Optical Zoom 52X IP PTZ Security Camera, High Speed Security PTZ Dome, Long Range Infrared Night Vision up to 800M with 120db WDR

LY-H8-8052

1. Selling Points

i.8inch 8MP 4K Pan Tilt Zoom IP Camera: 8-inch network PTZ dome camera, full HD 8MP 4K video resolution with 52X zoom, H.265 video compression saves half storage space, lower storage cost.

ii. Smart Tracking Makes Surveillance Effective: This 4K 8MP 52X Zoom Laser IR PTZ camera can do multi-behavior detection (such as cross border and regional invasions). 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 52X Zoom Capacity: 0.05°~240°/s; PTZ range: Horizontal: 0~360°, Vertical: -5°~90°; 6.1-317mm lens, 52X Optical Zoom,

iv.IR 800M Night Vision: 12pcs High quality array LEDs+ Synchronous zoom laser,

 auto-switch to long/middle/close distance focus, 800M (2625ft) IR distance. It is able to see up to 800m (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 4K 8MP 52X Zoom Laser IR 800M IP PTZ Dome Camera Outdoor

LOYALTY-SECU 4K PTZ security camera system known as 8MP security camera because they capture UHD video at 3840* 2160 pixel resolution (4K resolution). With 2160P ultra-high-definition (UHD) image resolution, ensure the PTZ cameras produce videos that are four times sharper and higher in clarity than 1080P security cameras. The high pixel density allows users to zoom in on distant objects without reducing image quality. When

emergencies arise, the camera can capture the most valuable evidence.

LOYALTY-SECU 4K 8MP PTZ Camera adopts the advanced WDR 1/1.8"CMOS IMX678 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 52X H.265 4K 8MP Network PTZ Dome Camera can be used outdoor area to monitor the super 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.

LOYALTY-SECU 8 Inch High Speed PTZ Camera IR 800M H8 Series:

LOYALTY-SECU 8 Inch High Speed PTZ Camera H8 Series with full metal housing, PTZ Speed: 240°/s, after equipped the excellent lighting control, ensure the PTZ Camera Laser IR distance up to 2625ft (800M).LOYALTY-SECU H8 800M IR PTZ Camera Series offers the full featured function ,includes Interface: Network + Power in + Audio I/O + Alarm I/O, Power: POE++(IEEE802.3bt)/DC12V/DC24V/AC24V,the camera resolution can be 2MP/4MP/8MP,meanwhile the camera with wide optical zoom for option: 33X 52X 72X 92X,it's the perfect solution for the project integrators who can choose the suitable model based on their actual demands.

Camera Resolution

- ☑ **2MP**
- ☑ **4MP**
- ☑ **8MP**

Camera Optical Zoom

- ☑ **33X**
- ☑ **52X**
- ☑ **72X**
- ☑ **92X**

H8 Series

8 Inch High Speed PTZ Camera IR 800M

3.Product Highlights:

*H.265 efficient decoding for reduced bandwidth and storage space while recording

*4K/8MP/12MP@30fps, Ultra 4K High Definition,52X optical zoom, 16X digital zoom, Lens: 6.1- 317mm

*High speed pan tilt zoom with 360 degrees endless horizontal rotation, -5 degrees upward tilt and 90 degrees downward movement

*12pcs High quality array LEDs+ Synchronous zoom laser, long range infrared LED night vision up to 800m(2625ft)

*Support ONVIF 2.4, Hikvision private protocol, Support H5, Support multiple browsers: IE/Edge/Chrome/Fire fox

 *120dB true WDR technology enables clear image in strong light scene

*High Speed PTZ 0.05-240°/S, 360° all-frame endless rotation

*Industrial-level IP66 waterproof shell with an operating temperature rating at -20 ~ 60℃ to tackle extreme weathers

*Interface: Network + Power in + Audio I/O + Alarm I/O

*With multiple power inputs for option: POE++(IEEE802.3bt)/DC12V/DC24V/AC24V

*Full metal material,IP66, With anti-lightning, anti-surge protection

4. Other Features

4.1. Protect Your Property at Night

The 52X 4K 8MP PTZ Dome Camera can be used 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. Your property will be covered by the superior night vision of LOYALTY-SECU 4K 8MP IP PTZ Camera with 12pcs High quality array LEDs+ Synchronous zoom laser. The Laser IR illumination distance can reach up to 800m(2625ft) depending on the scene.

4.2. Smart Automatically Patrol

Customized Presets and Cruise - Monitor and patrol in any direction you cared!
Patrol: Up to 4 patrol groups
Preset: 10 presets per patrol group
Patrol time: Adjustable

4.3. Waterproof IP66 & 8000V Thunder-proof

The 8MP 4K 52X Optical 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 4K IR 52X PTZ camera supports Micro SD card up to 256GB. Insert a Micro SD card, and then it is a competed 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.
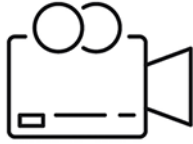
4.5. Intelligent WDR Function& Real Color

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.Video Recording Storage Method

TF Card, NVR, Computer, Storage Server

Video Recording Options

1. TF Card   256GB

Please follow instructions to remove the camera cover first.

2. NVR

Compatible with any brand NVR with Onvif Protocol.

3. Computer

Compatible with any brand VMS with Onvif Protocol.

4. Storage server

Support local storage server and cloud server (not for free)

6.4K 8MP PTZ Camera Work Scenarios

Hotels, Airport, Pavilion, Scenic spot, Stadiums, Ranch, Schools, Shopping malls, Transportation Stations, Government Facilities and other occasions with high-standard demand for video surveillance.

7.What's Included?

PTZ Camera, Wall Bracket, Power Adapter, User Manual and Installation Screws.

Network PTZ Camera

LY-H8 Series Packing Box Includes

1 PCS PTZ Camera

1 PCS Bracket   **1 Set Power Adapter**   **Other Accessories**

8.Specification

Camera	
Model	LY-H8-8052
Image Sensor	1/1.8" CMOS (Sony IMX678)
Minimum Illumination	Color: 0.05Lux, B/W: 0.01Lux,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 1/25~1/100,000s
Day Night Mode	AUTO ICR Color to B/W
Fog Penetration	Electronic Fog penetration +Optical Fog penetration
Anti-shake	Digital anti-shake
Focal Length	6.1-317mm, 52X Optical zoom
Digital Zoom	16X Digital zoom
Zoom Speed	Approx.6s (Optical Wide~Tele)
Angle of View	61.8°-1.6°(Wide-Tele)
Resolution	3840(H)x2180(V), 8MP/4K
Mainstream	50Hz: 25fps (3840×2160, 1280 × 960, 1280 × 720); 60Hz: 30fps (3840×2160，1280 × 960, 1280 × 720)
Video Compression	H.265/H.264 High profile / M-JPEG
Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IPv6
Interface Protocol	ONVIF (PROFILE S,PROFILE G) ,GB28181-2016
Network Interface	Network + Power in + Audio I/O + Alarm I/O
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	800m
Horizontal Range	0°～360° continuously
Vertical Range	-10°～90°
Horizontal Speed	0.05°～240°/s
Vertical Speed	0.05°～180°/s
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/AC24V-3A/POE++
Consumption	＜40W
Mounting	Wall mounting or lifting
work environment	Temperature:-30～60℃;humidity＜90%
Protection level	IP66 waterproof, 8000V lightning protection
GW	7.65KG

5.Product Dimension: