8-inch High-Speed Dome 37X POE 2MP PTZ IP Camera

LOYALTY-SECU Super 300M IR Starlight 37X Optical Zoom 2MP IP PoE+ Outdoor PTZ Camera, Two-Way Speaking High Speed Security PTZ Dome, Long Range Infrared Night Vision up to 984ft with 120db WDR.

LY-U8-237P

1.Selling Points

i. **8inch 2MP Pan Tilt Zoom IP Camera:** 8-inch POE IP PTZ dome camera, full HD 2MP video resolution with 37X zoom, H.265 video compression saves half storage space, lower storage cost.

ii. **Excellent Optical anti-fog and noise reduction** functions for the 6.5-240mm Ultra- wide zoom Lens.

iii. **Pan Tilt Zoom Capacity:** 0.05°~240°/s; PTZ range: Horizontal: 0~360°, Vertical: -5°~90°; 6.5-240mm lens with optical anti-fog and noise reduction functions, 37X Optical Zoom, Optical Fog transmission, heatwave elimination.

iv. **Night Vision Day/Night Switch:** 10pcs OSRAM IR Array LEDs + 4pcs Laser LEDs, Intelligent Auto Switch, IR-Cut True Night Vision up to 300m(984ft). It is able to see up to 300m(984ft) away from the camera with a switchable low beam/high beam LED set at night/starlight vision in response to different levels of zoom.

v. **Smartphone Setup & Control PTZ Camera live Streaming:** Apart from watching live view & playbacks, controlling pan tilt zoom actions, you can also remotely set/delete/call presets and view motion detection snapshots (stored in cloud server with push alarms) through the Guard Viewer app.

vi. **Power of Ethernet Solution:** The camera supports PoE+ 802.3bt standard that draws 48w per port (a PoE+ injector/switch is included). You can power the PTZ camera using 65w super POE injector, and the POE transmission distance up to 150M.

2. Brief Introduction

8inch 2MP 37X High Speed PTZ IP Dome Camera Outdoor

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

The 37X 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. 1/2"CMOS, Sony IMX385 chipset, 2 Megapixel 1920 x1080@30fps/25fps, 37X optical zoom

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

iv. 10pcs OSRAM IR Array LEDs+4pcs Laser LEDs, long range infrared LED night vision up to 300m(984ft)

v. Support ONVIF 2.4, Google Chrome, Hikvision & Uniview private protocol, P2P, PC/iOS/Android remote control

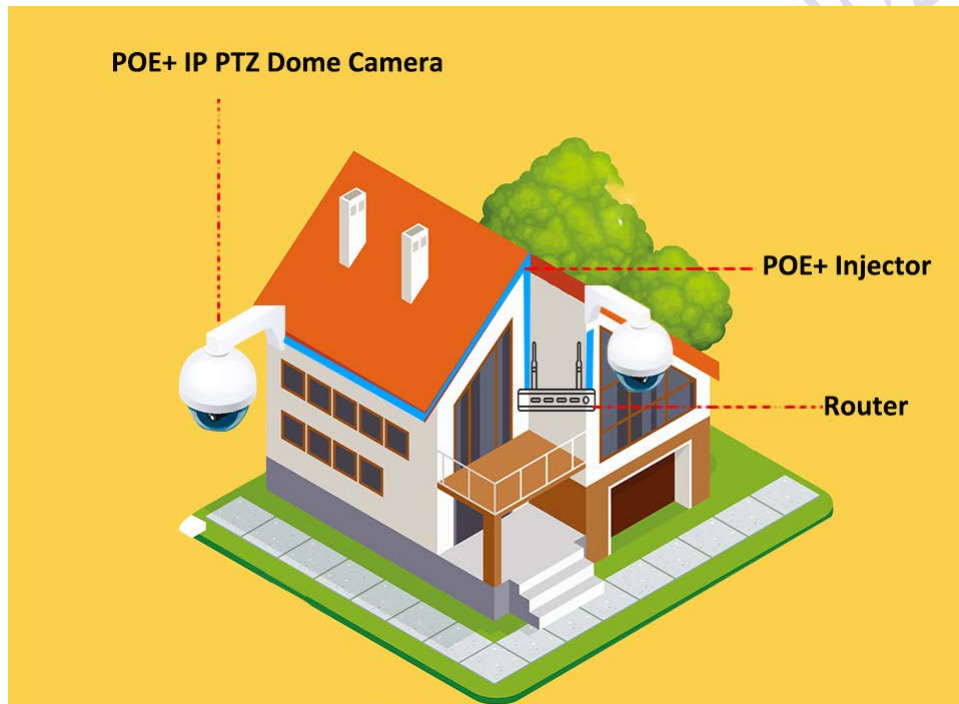vi. 120dB true WDR technology enables clear image in strong light scene

vii.   Two-way audio with built-in mic & speaker allow users to speak with anyone on the camera's end through smartphone app with warning decal for compliance purpose.

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

ix.   Power over Ethernet: Important- PoE+(802.3bt) required with 65W output.

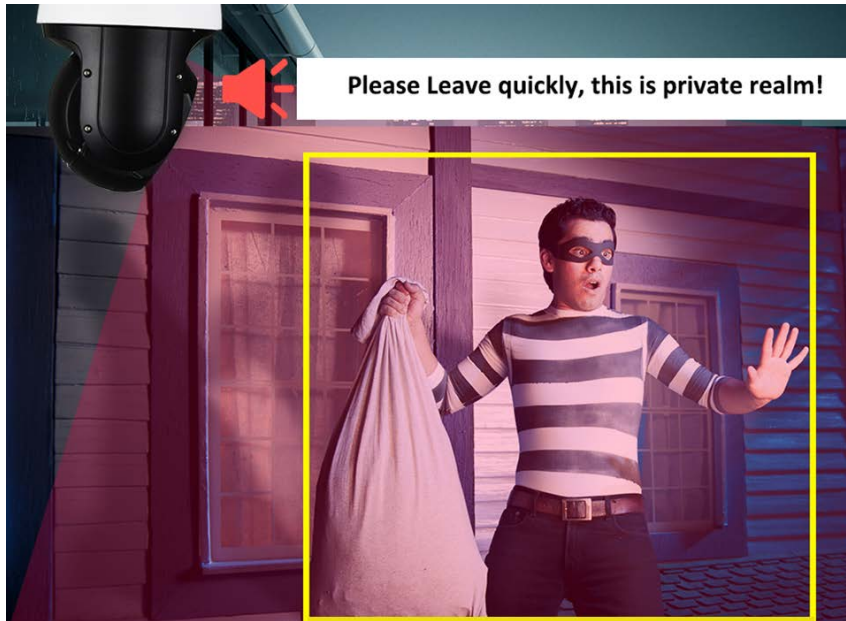# 4.Other Features

4.1. Power over Ethernet Plus

PTZ camera built-in POE+(IEEE802.3bt) 48W, comes with a standard 65w super POE injector, and the POE transmission distance up to 150M.

12VDC 4A (if using the optional power adapter). Higher voltage will damage the unit.

4.2. Dual Audio Solution

PTZ IP camera comes with built-in mic & speaker allows users to speak with anyone on the camera's end through smartphone app with warning decal for compliance purpose.

4.3. Get Notified with Smartphone

Remotely watch live view & playback and control PTZ/Preset through Guard Viewer app (iOS & Android) with motion detection snapshot stored in cloud server. Cloud platform registration required to enable push notification.

App alerts push   **Alarm pictures to Mail**

4.4. Protect Your Property at Night

Your property will be covered by the superior night vision of LOYALTY-SECU PTZ camera with 10pcs OSRAM IR Array LEDs+4pcs Laser LEDs. The infrared illumination distance can reach up to 3000m(984ft) depending on the scene.

4.5. 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

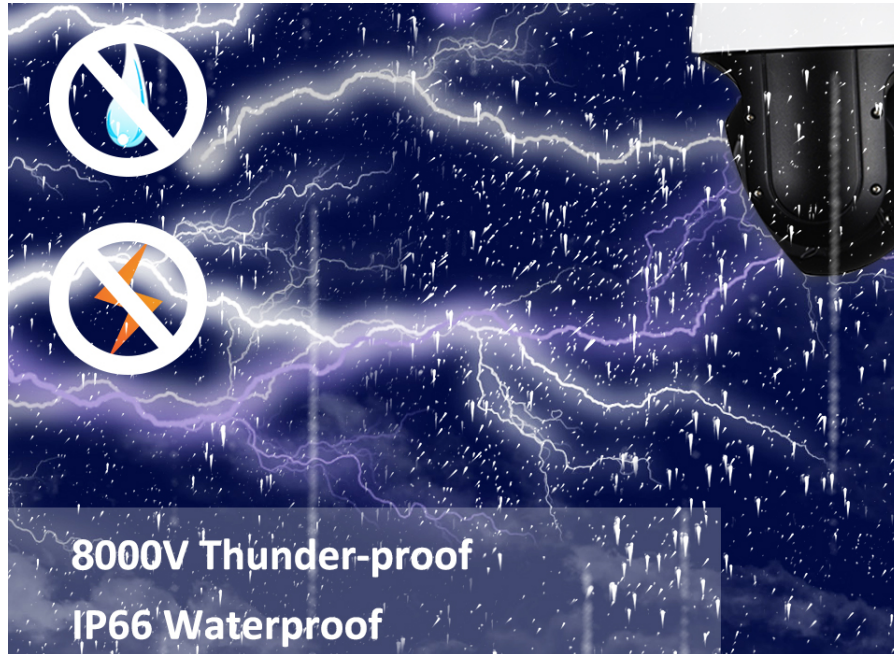**Our PTZ Security Camera supports "Cruise" function.**

4.6. 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.

4.7. 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 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. Meanwhile you can play videos via your mobile phone APP directly.

4.8. Intelligent WDR Function& Real Color

With true WDR technology, it can produce images of good clarity even under varying light conditions by using different shutter speeds to allow more light 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, Camera, Wall Bracket (default), a 65W PoE injector and installation screws.

6. Specification

Camera	
Model	LY-U8-237P
Sensor	1/2"CMOS (Sony IMX385)
Minimum Illumination	Color: 0.005Lux, B/W: 0.001Lux,0 Lux with IR Star Light Ultra Low illumination
Storage space	Max 256GB Micro SD card

3D NDR	Support
WDR	120db
Electronic Shutter	AUTO
Day Night Mode	AUTO ICR Color to B/W
Focal Length:	6.5-240mm, 37X Optical Zoom
Lens Function	Optical anti-fog and noise reduction functions
Zoom Speed	Approx.4s(Optical Wide~Tele)
Angle of View	55.4-2.9°(Wide-Tele)
Resolution	1920(H)x1080(V)
Main Stream	1920 x1080@30fps/25fps,
Sub Stream	D1@30fps/25fps, VGA@30fps/25fps, 640×360@30fps/25fps
Video Compression	H.265/H.264
Network protocol	HTTP/RTSP/RTMP/DHCP/NTP/ONVIF/NTP/UPNP/GB28181
Interface protocol	ONVIF 2.4, Google Chrome, Hikvision & Uniview private protocol
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
Intelligent identification	Face detection
PTZ Control	
IR Distance	300m(984ft)
LEDs	10pcs OSRAM IR Array LEDs + 4pcs Laser LEDs
Horizontal Range	0°～360° continuously
Vertical Range	-5°～90°
Vertical/Horizontal Speed	0.05°～240°/s
Max Speed	240°/S
Preset	256
Patrol scan	4groups(10 preset for each)
L/R Scan	1group
Horizontal Scan	1group

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	
Full-featured version configuration	With POE, Audio I/O, Alarm I/O, CVBS out
POE supply voltage	DC48V
POE Supply Pin	1,2(+) 3,6(-) / 4,5(+) 7,8(-) Auto adapting (IEEE802.3at)
Power/Consumption	DC12V/4A, <25W
Mounting	Wall mounting or lifting
Work environment	Temperature : -20～60℃; Humidity＜90%
Protection level	IP66 waterproof, 8000V lightning protection
GW(KG)	6.5KG

7.Product Dimension: