6 Inch 2MP 22X Auto-tracking WiFi 4G LTE IP PTZ Cameras

LOYALTY-SECU 4G LTE Wireless Outdoor 1080P Pan Tilt WiFi Security Camera with Two-Way Audio, IP66 Weatherproof 200M (656ft), Night Vision and Built-in SD Slot

LY-U6-222WG

1. Selling Points

i. **4G/LTE WiFi Solution**: 4G 2MP PTZ camera allows users to setup surveillance devices in locations without WiFi coverage through 4G/LTE data plan (micro 4G sim card is not included), meanwhile, it supports to setup PTZ camera in locations via WiFi network, when there has poor 4G signals coverage.

ii. **6inch 2MP Pan Tilt Zoom IP Camera:** H.265 video compression 6-inch LTE IP PTZ dome camera, full HD 2MP video resolution with 22X zoom.

iii. **Smart Tracking Makes Surveillance Effective:** Supports humanoid recognition and intrusion detection based on AI intelligent analysis. Meanwhile, it can be achieved target counting via face detection function, and supports preset position guards and cruise guards.

iv. **Pan Tilt Zoom Capacity:** Support continuous 355°pan turning, 90° tilt turning; 5.4- 114.4mm lens, 22X Optical Zoom. Built-in auto-focus algorithm, with the characteristics of fast speed and accurate focusing. Meanwhile, PTZ camera adopts the high accuracy stepping motor, work with the high-performance motor driver, and ensures the PTZ camera work under a stable, accurate, and less vibration condition.

v. **Color night vision & auto Day/Night Switch:** 6pcs IR Array LEDs + 4pcs Laser LEDs, Starlight illumination and IR-Cut Night Vision up to 200M (656ft).

vi. **Remote Live View & Playback:** Use APP EZview to remotely check live video streaming. The PTZ camera also supports TF card extension up to 256GB (Micro SD card is not included) where users can select to put on for device-end video storage.

vii. **Outdoor Monitoring & Two-way Audio:** Outfitted with industrial-level IP66 waterproof shell to tackle extreme weathers and two-way audio function allows people to talk to the person at the camera's end through APP EZview.

2. Brief Introduction

6 Inch 1080P 22X WiFi 4G cellular Security Network PTZ Cameras

LOYALTY-SECU 4G LTE wireless security PTZ camera systems are ideal when there is no option for a point-to-point wireless system or hardwired broadband connection, but cell service is available. If you have cell phone service at your project location, you will most likely be able to use 4G LTE cellular communications to access your video system. Our high gain 4G antenna systems maximize signal strength.

Our cellular video solutions have a proven track record of withstanding the most demanding applications and harsh elements in outdoor and industrial environments. Ruggedized 4G LTE cellular routers and power supplies have a certified temperature operating range of −20°C to +60°C

3. Features

i.   H.265/H.264 video compression, 1920*1080P, 22X optical zoom, 5.4- 114.4mm lens
ii.   High speed pan tilt zoom with Horizontal: 0-360 Degree, Vertical: 0-90 Degree
iii.   6pcs IR Array LEDs+4pcs Laser LEDs, support starlight function, night vision up to 200M (656ft)
iv.   Support any brand NVR with ONVIF protocol
v.   P2P mode with Plug & play, one tap QR code scanning to view live streaming of PTZ camera on iPhone and android phone via APP EZview
vi.   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.

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

viii. Support different network mode connection: Auto mode/3G-4G mode/WiFi mode

4. Other Features

4.1. Secure Every Movement

The 4G PTZ camera with humanoid detection alert tracking function, when a movement been detected in front of the camera, the user will receive a push message from the smart phone, meanwhile, as the 4G PTZ camera with a built-in microphone and speaker, it will trigger the sound and light alarm function, warn the objects get out of the monitoring area. User also can check the live video immediately, how it came to this detection. It is also very important to determine how good the LTE reception is on site.

The sound and light alarm function, humanoid detection auto tracking function can be turned on or off via the APP, this will be more convenient to meet the actual monitoring demands.
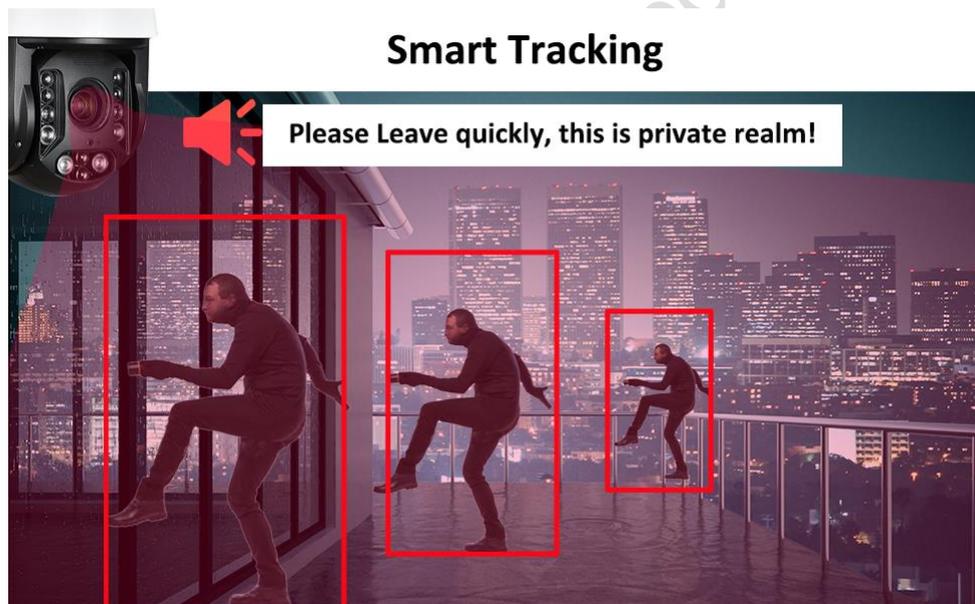
4.2. How does the 4G PTZ Camera connect to mobile network?

The 4G PTZ Camera equipped with a built-in LTE router, after installing a SIM card, it can connect to the mobile network directly for data transmission. Users can purchase the SIM card from the local telecom operators.

Regarding the tariff charge of a 4G PTZ Camera, normally the minimum cost for 1GB per month about $3-$5/month, with this economical tariff, users can receive the live videos for about 10 minutes per day. For 4GB you get the livestreams for 20 minutes a day. If you just want to see if everything is alright, 5 minutes a day is enough.


4.3. 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.

Please Leave quickly, this is private realm!

4.4. Get Notified with Smartphone

Remotely watch live view & playback and control PTZ/Preset through APP EZview (iOS & Android) with alarm message pushed. Alarm pictures will be sent by Email; meanwhile, pictures and videos can be uploaded to the FTP server
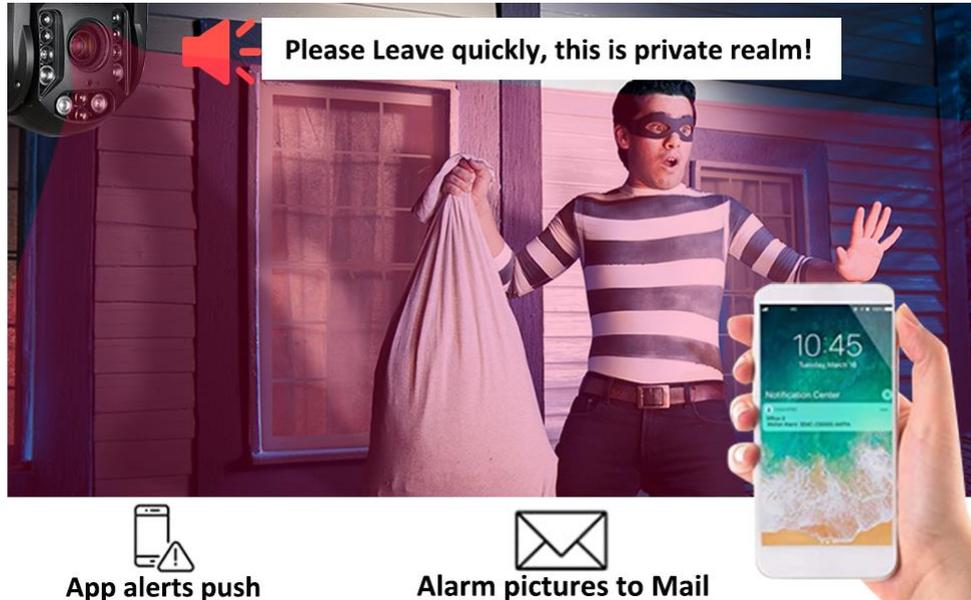
4.5. Excellent Video Quality Even at Night

The 4G PTZ Camera with 6 pcs high quality array LEDs +4 pcs laser LEDs which brings an excellent IR night vision at 200m. The infrared illumination distance can reach up to 250m(820ft) depending on the scene. **Meanwhile, it supports starlight function.**
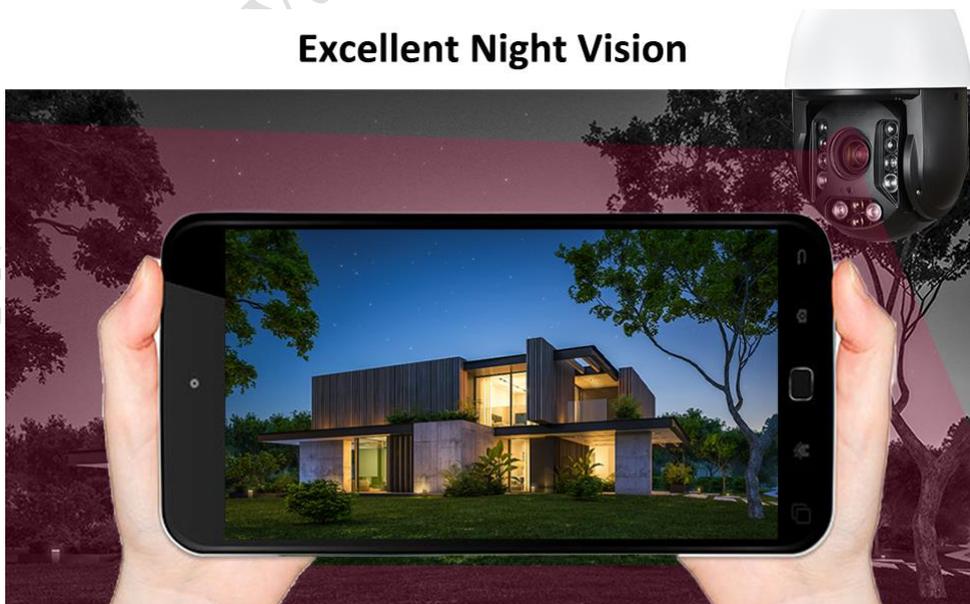
4.6. Smart Automatically Patrol

Support preset cruise points, time and speed-patrol in the monitoring zone you cared!

Patrol: Up to 4 patrol groups;

Preset: 10 presets per patrol group

Patrol time: Adjustable

Our PTZ Security Camera supports "Cruise" and "Auto Tracking" simultaneously!

Secure your cares through both Cruise and Auto Tracking

i. When there is no human movement detected, the PTZ security camera will cruise according to your preset trajectory.

ii. When there is human detection, this network security camera will auto tracking the human until the human disappears in the field of view. Then it will resume cruise.

4.7. Waterproof IP66 & 4000V Thunder-proof

The security outdoor camera is equipped with an IP66 rated weatherproof metal shell and supports **4000V Thunder-proof**, designed to operate the security PTZ camera even in some real extreme weather conditions.

4.8. Support Local storage and playback

The 4G PTZ Camera with the latest H.265 video compression format, that means even you need a 1 day * 24 hours continuous recording, only 10GB a day @1080P recording.

Meanwhile you can play videos via your mobile phone APP directly, in addition to play back the videos, it also allows you to perform the pan and tilt functions of the PTZ camera, as well as the zoom function.

4.9. 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 12V 4A adapter and installation screws.

6. Specification

Model	LY-U6-222WG
Sensor	1/2.8" Sony CMOS
Resolution	1080P (1920*1080) up to 60fps
Pixel	2MP
WDR	120dB
APP	EZview

AI Features	Auto Tracking/Face Detection/Humanoid Detection
Behavior Detection	Cross-border detection, regional intrusion, entering the area, leaving the area, wandering detection, fast moving, people gathering, parking detection, item leftover, item moving
Lens	22X Zoom (5.4- 114.4mm)
Aperture	Auto/manual, aperture range: F1.5~F3.8
Minimum Illumination	Color: 0.005Lux, B/W: 0.0005Lux, 0Lux with IR
Day/Night Mode	Support IR-cut
IR Distance	200M
Motion Detection	4 separate test areas can be set (Sensitivity can be set)
Alarm Linkage	Send pictures by Email; pictures and videos uploaded to the FTP server;
Manual Speed	0.5-100°/S
Preset Speed	100°/S
OSD	OSD name, time, date, information overlay
Video Stream	Three-stream encoding capability to meet real-time streaming and storage streaming requirements of different bandwidths and frame rates
General	
Network Interface	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP
Band Information	WiFi AP: 802.11/b/g/n TDD-LTE: Band 38/39/40/41 FDD-LTE: Band 1/3 WCDMA: B1/B8 TD-SCDMA: Band 34/39 GSM/GPRS/EDGE: 900/1800 Can be customized according to the region
Presets	256
Audio Interface	1 input / 1 output
Cruise/ A-B Scan	4 groups/1
Preset Number of Cruise Groups	10 preset/ groups
SSID	SSID can be set to hide or open, SSID name password can be modified
Breakage self-test repair	Support, when the device fails to go offline on the public network, it is detected every 2 minutes and the connection is automatically reconnected.
IP Address	Support static IP and dynamic IP (DHCP)

Email alert	Support
FTP upload	Support
Waterproof Grade	IP66
Lightning Protection	4000V
Working Temperature	(-20℃～+60℃)
Power Supply	12V 4A
GW	3.9KG

7. Product Dimension