

6 Inch 2MP 20X Auto-tracking WiFi 4G LTE IP PTZ Cameras

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**LOYALTY-SECU 4G LTE Wire free Security IP PTZ Camera Outdoor, 20x
Optical Zoom 1080P, Two-Way Audio and IP66 Waterproof, Long Range
Infrared Night Vision up to 200M (656ft)**

LY-H6-220WG

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 1080P Pan Tilt Zoom IP Camera:** H.265 6-inch LTE IP PTZ dome camera, full HD 1080P video resolution with 20X zoom.
- iii. **Smart Tracking Makes Surveillance Effective:** This security PTZ IP camera is able to distinguish between people and animals, reducing 95% false alarms caused by rain, leaves, and insects. 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 network PTZ dome camera is powered by the high speed motors to deliver enhanced smooth tracking experiences.
- iv. **Pan Tilt Zoom Capacity:** Support continuous 355°pan turning, 90° tilt turning; 4.7-94mm lens, 20X Optical Zoom.
- v. **Day/Night Switch:** 6pcs IR Array LEDs + 4pcs Laser LEDs, Intelligent Auto Switch, IR-Cut True Night Vision up to 200M (656ft). It is able to see up to 200M (656ft) away from the camera with a switchable low beam/high beam LED set at night starlight vision in response to different levels of zoom.
- vi. **Remote Live View & Playback:** Use APP CamHi to remotely check live video streaming. The PTZ camera also supports TF card extension up to 128GB (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 CamHi.

2. Brief Introduction



6 Inch 2MP 20X Auto-tracking WiFi 4G cellular IP PTZ Cameras

LOYALTY-SECU 6inch 2MP LTE Network PTZ Camera utilizes 4G-LTE connectivity, it is ideal to install it where there is no WiFi signal. Meanwhile, it adopts the high accuracy stepping motor, work with the high performance motor driver, which ensures the PTZ IP camera work under a stable, accurate, and less vibration condition.

The LOYALTY-SECU Security PTZ IP camera 1080P 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 security experience.

3. Features

- i. H.265 1920×1080@30fps/25fps, 20x optical zoom, 4.7-94mm lens
- ii. High speed pan tilt zoom with continuous 355°pan turning and 90° tilt turning
- iii. 6pcs IR Array LEDs+4pcs Laser LEDs, long range infrared LED night vision up to 200M (656ft)
- iv. Support and brand NVR with ONVIF protocol;
- v. P2P mode, Plug & play, support to QR code scanning to view on iPhone and android phone via APP CamHi
- 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°C to tackle extreme weathers.
- viii. Support different network mode connection: Auto mode/3G-4G mode/WiFi mode

4. Other Features

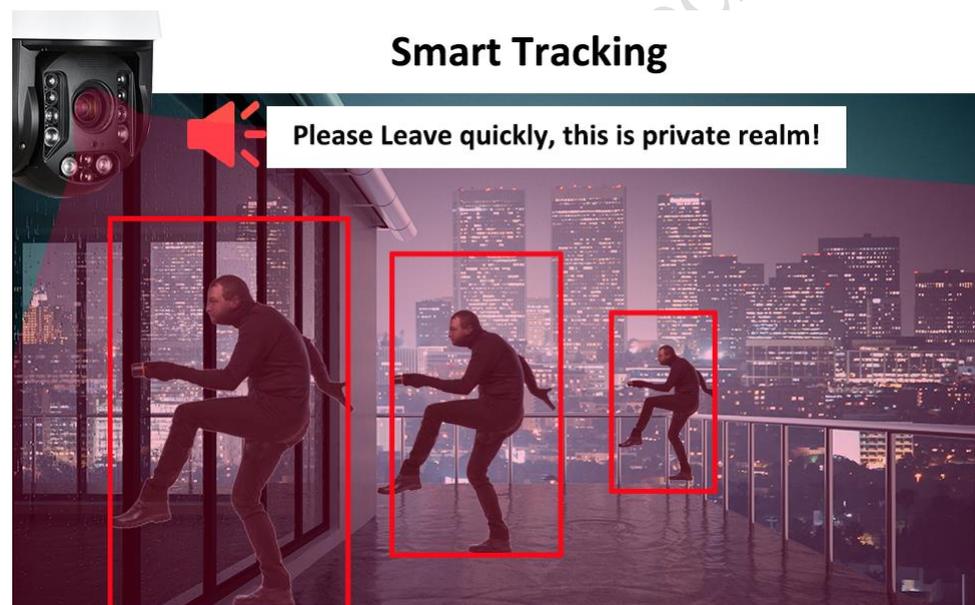
4.1. Smart Tracking

Humanoid Detection + Active defense + Auto Tracking

The Network PTZ dome camera supports preset position guard and cruise guard to recognize humanoid automatically. Once the detection is triggered, the security PTZ dome camera automatically turns to the target position, flashing the visible light, and the audio output line drives the live speaker to send out the voice.

Any object enter to the intrusion area, the PTZ camera switches to the center of object immediately, security camera zooming automatically as the object moves, so the security guard can have a clear sight at the object, convenient the to track the suspicious person and collect on-site digital evidence.

In order to track the target in motion and keep it in the scene all the time, our Network PTZ camera can control the pan/tilt/zoom actions accurately. Once detection is triggered, the camera can zoom in and then track the target automatically.



4.2. Different Network Connection

This camera supports different network connection:

For 4G LTE connection: it is ideal to install it where there is no WiFi coverage. Just need to insert a 4G sim card in the security camera, and download an APP on the mobile, then you can monitor anytime anywhere.

For WiFi connection: it also supports to setup PTZ camera in locations via WiFi network, when

there has poor 4G signals coverage.



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.



4.4. Get Notified with Smartphone

Remotely watch live view & playback and control PTZ/Preset through APP CamHi (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. Protect Your Property at Night

Your property will be covered by the superior night vision of LOYALTY-SECU PTZ camera with 6pcs IR Array LEDs+4pcs Laser LEDs. The infrared illumination distance can reach up to 200M (656ft) depending on the scene.

Excellent Night Vision



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.

Intelligent Automatically Patrol



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 PTZ camera supports micro TF card up to 128GB. Insert a TF card, and then it is a completed remote home security system. When the TF 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.



5. What's Included?

Manual, Camera, Wall Bracket (default), 12V 4A adapter and installation screws.

6. Specification

Model	LY-H6-220WG
CPU	H3516EV200
Sensor	1/2.8" Sony CMOS IMX307
Resolution	1920(H)x1080(V)
Pixel	2MP
Auto-Tracking	Humanoid Detection and Alert Auto Tracking
APP	CamHi
Lens	20X Zoom (4.7~94mm)
Minimum Illumination	0.01Lux

Day/Night Mode	Support IR-cut
IR Distance	200M
Storage Function	Support 128GB TF card max
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 Processing	Support H.265/H.264
Network Interface	1 RJ45 Ethernet interfaces ,10/100M self-adaption; Support: CP/IP,HTTP,TCP,ICMP,UDP,ARP, IGMP,SMTP,FTP,DHCP,DNS,DDNS,NTP,UPNP,RTSP
Band Information	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
WiFi	WiFi AP: 802.11/b/g/n
Presets	256
Audio Interface	1 input / 1 output
Cruise/ A-B Scan	4 groups/1
Preset Number of Cruise Groups	10 preset/ groups
Waterproof Grade	IP66
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)
Motion detection	Support
Email alert	Support
FTP upload	Support
Lightning Protection	4000V
Working Temperature	(-20°C ~ +60°C)
Power Supply	12V 4A
GW	3.9KG

7.Product Dimension

