

## 4GPTZ542-25X/IR

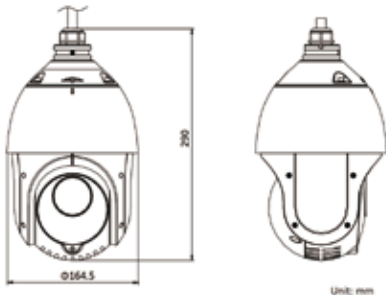
2MP 25X Zoom Network IR PTZ Camera with 4G Access



### Features

- 2.1MP Resolution (1920x1080@30fps)
- 25x optical zoom (4.8 mm to 120 mm)
- 360°endless high-speed Pan & tilt rotation
- Powered by Dark-Fighter (the next level of star-light)
- IR distance max 100m (330ft)
- Support on-board storage up to 256GB
- Support audio I/O
- 120dB TrueWDR, HLC, EIS, Smart defog, Regional Exposure
- IP66 water-proof
- Video Content Analytic (Line crossing, intrusion detection, etc.)
- Support H.265+/H.265 video compression
- Wi-Fi connection to Video Cloud and Wi-Fi AP mode for local access
- 4G LTE connection to Video Cloud, working with popular mobile networks (Requires data plan and SIM card from network operators)
- Free P2P Cloud access
- Free Mobile APP for Android and iPhone

### Dimensions

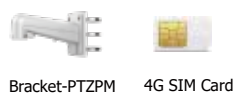


### Package includes



Bracket-PTZW POE Injector 30W

### Optional accessories



Bracket-PTZPM 4G SIM Card

|                                |  |
|--------------------------------|--|
| Camera                         |  |
| Image Sensor                   | 1/2.8" Progressive Scan CMOS   |
| Effective Pixel                | 1920(H) x1080(V)   |
| Min. Illumination              | Color: 0.005Lux @ (F1.6, AGC On), B/W: 0.001Lux @ (F1.6, AGC On)<br>0 Lux with IR  |
| White Balance                  | Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/ Sodium Lamp   |
| AGC                            | Auto / Manual  |
| 3D DNR                         | Support  |
| BLC                            | Support  |
| WDR                            | 120dB TrueWDR  |
| Defog                          | Support  |
| Shutter Time                   | 1/1-1/10,000s  |
| Day & Night                    | IR cut filter with auto switch   |
| Digital Zoom                   | 16X  |
| Privacy Mask                   | 8 privacy masks programmable   |
| Focus Mode                     | Auto / Semiautomatic / Manual  |
| IR distance                    | 100 m (300 ft), Smart IR   |
| Lens                           |  |
| Focal Length                   | 4.8-120mm, 25x   |
| Zoom Speed                     | Approx.3.6s(Optical Wide-Tele)   |
| Angle of View                  | 57.6 - 2.5 degree (Wide-Tele)  |
| Min. Working Distance          | 10-1500mm(Wide-Tele)   |
| Aperture Range                 | F1.6-F3.5  |
| Pan and Tilt                   |  |
| Pan/ Tilt Range                | Pan: 360° endless; Tilt: -15° ~ 90° (Auto Flip)  |
| Pan/ Tilt Speed                | Configurable, from 0.1° /s to 80° /s   |
| Number of Preset               | 300  |
| Patrol                         | 8 patrols, up to 32 presets per patrol   |
| Park action                    | Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan  |
| Power-off Memory               | Support  |
| PTZ Position Display           | On / Off   |
| Preset Freezing                | Support  |
| Compression Standard           |  |
| Video Compression              | Main Stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG<br>Third Stream: H.265/H.264/MJPEG  |
| Audio Compression              | G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM  |
| Max. Image Resolution          | 1920x1080  |
| Main Stream                    | 50Hz: 25fps (1920 x 1080, 1280 x 960, 1280 x 720)<br>50fps (1280 x 960, 1280 x 720)<br>60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720)<br>60fps (1280 x 960, 1280 x 720) |
| Sub Stream                     | 50Hz: 25fps(704x576), 25fps(352x288), 25fps(320x240)<br>60Hz: 30fps(704x480), 30fps(352x240), 30fps(320x240)   |
| Third Stream                   | 50Hz: 25fps (1920x1080, 1280x960, 1280x720, 704x576, 640x480, 352x288)<br>60Hz: 30fps (1920x1080, 1280x960, 1280x720, 704x480, 640x480, 352x240)                           |
| Image Enhancement              | HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus  |
| SVC                            | Support  |
| Smart Features                 |  |
| Basic Event                    | Motion Detection, Video Tampering Detection, Exception   |
| Smart Event                    | Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection                  |
| ROI                            | Main stream, sub-stream, and third stream respectively support four fixed areas.   |
| Network                        |  |
| WiFi                           | 802.11 b/g/n 2.4G Hz<br>US version: 4G LTE Band 1/2/4/5/12/13/17<br>Working with AT&T and T-Mobile 4G LTE Network  |
| 4G LTE Bands                   | Australia Version: 4G LTE Band 1/3/5/7/8/20<br>Working with Telstra, Optus, Vodafone 4G LTE Network  |
| Protocols                      | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour                                 |
| Network Storage                | Support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR   |
| User/Host Level                | Up to 32 users; 3 Levels: Administrator, Operator and User   |
| Security Measures              | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering                  |
| Interface                      |  |
| Audio Interface                | 1-ch audio input and 1-ch audio output   |
| RJ45 Interface                 | 1 RJ45 port for POE power only, no data access via Ethernet  |
| SIM Card Slot                  | One SIM card slot  |
| SD card slot                   | 1 Micro SD/SDHC/SDXC slot  |
| General                        |  |
| Power                          | 12 VDC / PoE+ (802.3 at, class4); Max.: 18 W (Max. 7W for IR)  |
| Working Temperature / Humidity | -30° C to 65° C (-22° F to 149° F)<br>90% or less  |
| Material                       | ADC 12, PC, PC+10% GF  |
| Protection Level               | IP66 standard<br>TVS 4,000V lightning protection, surge protection and voltage transient protection  |
| Dimensions                     | Φ 164.5 mm × 290 mm (Φ 6.48" × 11.42")   |
| Net Weight                     | Approx. 2 kg (4.41 lb)   |

Product specifications may change without prior notice.

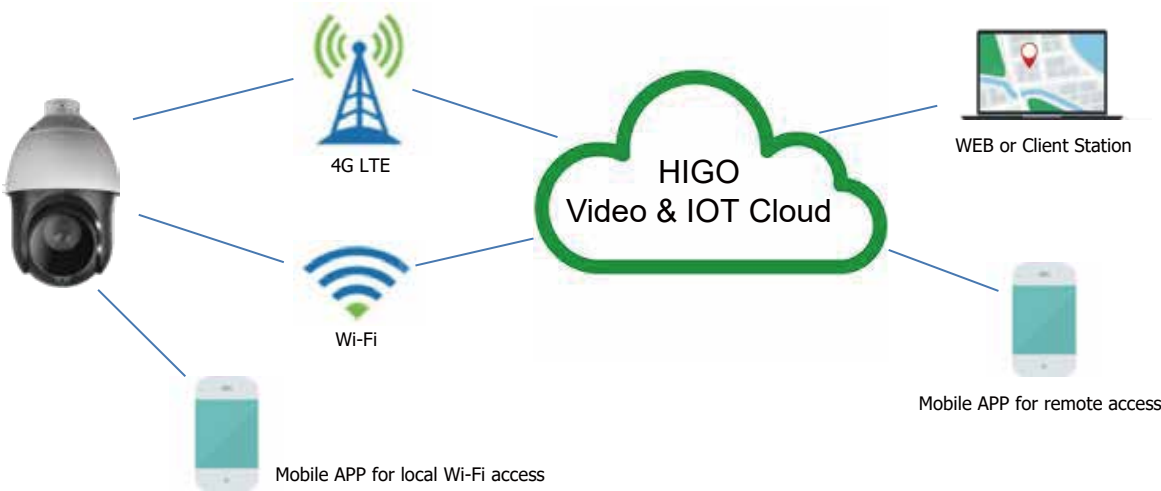
### Order Models

- 4GPTZ542-25X/IR-US:** For United States market.  
**4GPTZ542-25X/IR-AU:** For Australia market

## 4GPTZ542-25X/IR

2MP 25X Zoom Network IR PTZ Camera with 4G Access

### System Topology



### Use any of the below three methods to access video

- Insert SIM card and setup 4G LTE connection to cloud, then view from Mobile APP or WEB
- Setup Wi-Fi connection to hot-spot, and then view from Mobile APP or WEB
- This 4G LTE PTZ can also work in Wi-Fi AP mode, so mobile APP can access it locally without internet coverage

### Applications – Anywhere with cellular signal, especially for places without wired network



Oil Field



Construction site



Gas Station



Ranch House



Remote Gate

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