

CAM-IP-LTE25XIR

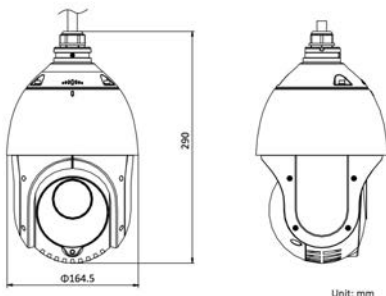
2MP 25X Zoom Network IR PTZ Camera with 4G Access



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-PTZPM

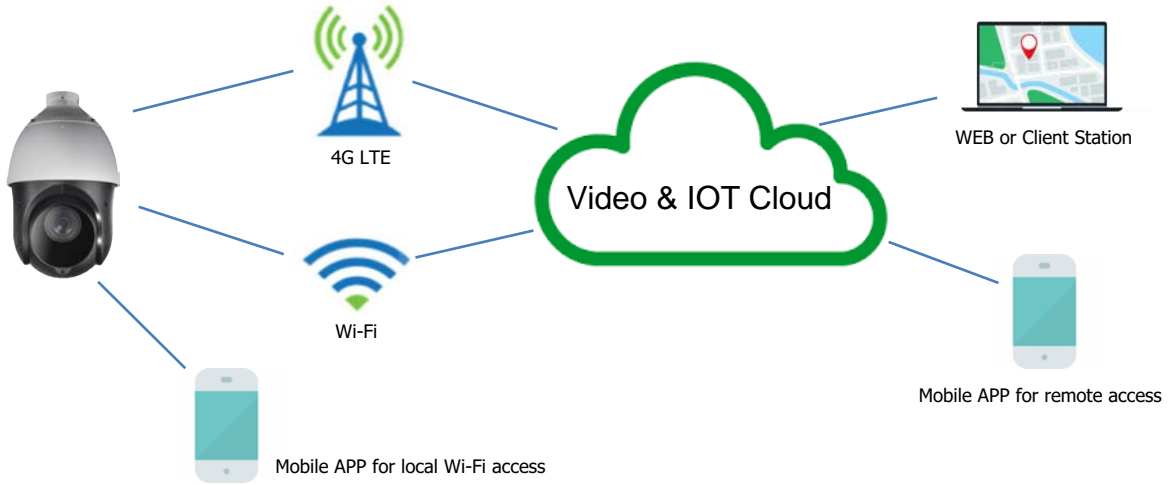
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixel	1920(H) x1080(V)
Min. Illumination	Color: 0.005Lux @ (F1.6, AGC On), B/W: 0.001Lux @ (F1.6, AGC On) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/ Sodium Lamp
AGC	Auto / Manual
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 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) 50fps (1280 x 960, 1280 x 720) 60Hz: 30fps (1920 x 1080, 1280 x 960, 1280 x 720) 60fps (1280 x 960, 1280 x 720)
Sub Stream	50Hz:25fps(704x576), 25fps(352x288), 25fps(320x240) 60Hz:30fps(704x480), 30fps(352x240), 30fps(320x240)
Third Stream	50Hz: 25fps (1920x1080, 1280x960, 1280x720, 704x576, 640x480, 352x288) 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
4G LTE Bands	US version: 4G LTE Band 1/2/4/5/12/13/17 Working with AT&T 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 (NPS, 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) 90% or less
Media	ADC 12, PC, PC+10% GF
Protection Level	IP66 standard 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.

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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

Prefer bundled with Solar Power System

You can use our total integrated Solar Power system kit, including solar panel, custom designed bracket with industrial level battery and power controller inside it.



Or built it by yourself



Solar panel

Controller

Battery

Inverter

Cabinet