

IPOB-EL2IRA-4G

2MP 4G IP Bullet W/ Audio



System Overview

This 2MP bullet camera supports 4G mobile internet via a SIM card. Never worry about storage thanks to its built in storage slot capable of supporting up to 256gb microSD card. This camera has a 3.6mm fixed lens with a 1/2.9" 2MP progressive scan CMOS image sensor and supports H.264 & H.265 video compression. Get up to 30fps and make adjustments to the image quality with features like 3DNR, backlight compensation, auto gain control, automatic white balance and high light compensation. Due to the built in LEDs you'll be able to see in complete darkness up to 262 feet. An ingress protection rating of IP67 and a 2KV lightning protection rating shows that this camera has been built and tested to withstand much of what mother nature has to throw at it. This camera can operate in extreme temperatures ranging from -22° F to +140° F.

Features

Smart Codec (H.265+ & H.264+)

Smart H.265+ technology is a collection of intelligent encoding algorithms based on H.265. To meet the characteristics of video surveillance, Smart H.265+ adopts some key video encoding techniques can be flexibly added/ deleted or combined according to different applications and products. Smart H.265+ codec can effectively enhance video encoding efficiency according to the characteristics of different surveillance environments; furthermore, it can greatly reduce transmission bit rate, storage capacity to improve the overall system.

4G

This camera can be connected to Mobile Internet as long as you have a SIM card, then you can place it anywhere with no need to worry about the wiring hassles.

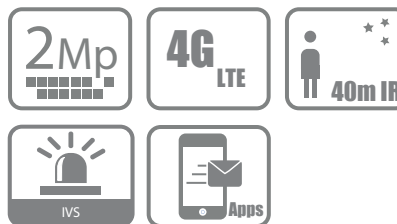
Intelligent Video analysis (IVS)

IVS system provides advanced, accurate video analytic for both IP and analog cameras. The IVS engine can track, classify and analyze the behavior of individual or group of objects over long distance to greatly improve parameter security and monitoring efficiency.

Smart IR Technology

Smart IR is a technology built into some security cameras that adjusts the intensity of the camera's infrared LEDs to compensate for the distance of an object so that the infrared does not overexpose the object. The camera's IR provides high performance in extreme low-light environments up to 80m (262.5ft).

- 1/2.9" 2Megapixel progressive CMOS
- H.265 & H.264 dual-stream encoding
- 25/30fps@2M(1920×1080)
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Micro SD card slot, up to 256GB
- Max. IR LEDs Length 40m
- 4G supported



Protection (IP67, wide voltage)

The camera allows for ±25% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

Environmental

This camera can operate in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with less than 95% humidity.

2MP 4G IR Bullet Network Camera

Camera

Image Sensor	1/2.9" 2Megapixel progressive scan CMOS
Effective Pixels	1920(H) x 1080(V)
RAM/ROM	256MB/32MB
Scanning System	Progressive
Minimum Illumination	0.04Lux/F2.0(Color,1/3s,30IRE) 0.22Lux/F2.0(Color,1/30s,30IRE) 0Lux/F2.0(IR on)
S/N Ratio	More than 56dB
IR Distance	Distance up to 40m (131.2ft)
IR On / Off Control	Auto/ Manual
IR LEDs	2

Lens

Lens Type	Fixed				
Mount Type	M12				
Focal Length	3.6mm				
Max. Aperture	F2.0				
Angle of View	H: 82.5°, V: 44°				
Optical Zoom	N/A				
Focus Control	Fixed				
Close Focus Distance	0.9m (29.5ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6mm	53m(174ft)	21m(69ft)	10m(33ft)	5m(17ft)

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	N/A
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Intelligence

Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
IVS	Tripwire, Intrusion

Video

Compression	H.265/H.264H/MJPEG(Sub Stream)
Smart Codec	Support H.265/H.264
Streaming Capability	2 Streams
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576)/ VGA(640x480)/CIF(352x288)

Frame Rate	Main Stream: 1080P@25fps
	Sub Stream: D1@25fps
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32~10240Kbps H.265: 12~6400Kbps
Day/Night	Auto ICR
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	N/A
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	G.711a/ G.711Mu/ AAC/ G.726
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Network

Ethernet	RJ-45 (10/100Base-T)
Mobile Communication	4G
Operating Band	Model 1: TDD-LTE:Band38/39/40/41 FDD-LTE:Band1/3/5/8 WCDMA:Band1/8 TD-SCDMA:Band34/39 EVDO/CDMA1X:BC0 GSM:Band3/8 Model 2: FDD-LTE:Band1/2/3/4/5/7/8/20 UMTS:Band1/2/5/8 GSM:850/900/1800/1900
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP; FTP;DHCP;DNS;DDNS;PPPoE;IPV4/V6;QoS;UPnP; NTP;Bonjour;IEEE 802.1X;Multicast;ICMP;IGMP;TLS
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast/Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 256GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, DMSS
Smart Phone	IOS, Android

Certifications

Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
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Interface

Audio Interface	1/1 channel In/Out
Alarm	2 channel In: 500mA 5VDC 2 channel Out: 300mA 12VDC

Electrical

Power Supply	DC12V±30%
Power Consumption	3.6W, 9.5W(IR on)

Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

Construction

Casing	Metal+Plastic
Dimensions	194.4mm×96.6mm×89.5mm (7.65"×3.8"×3.52")
Net Weight	0.7kg (1.54lb)
Gross Weight	0.8kg (1.76lb)

Dimensions (mm/inch)

