

IPC2451-Fi4N

4.0MP Human Recognitive HD Network Varifocal IR Bullet Camera



Features

Excellent Image Quality

- 4.0 Megapixel 1/1.8" progressive scan CMOS sensor
- High definition and smooth picture, 2688 x 1520@25fps, 1920 x 1080@60fps(optional)
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.005lux with color picture
- 120dB Ultra WDR
- 3D noise reduction / Auto Iris / HLC

Intelligent Functions

- Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge

Recognitive Functions

- Target capturing
- Bi-directional people counting
- Face Intelligence Exposure

Integrated High Efficiency IR

- Industrial IR LED with long operational lifespan
- Up to 50m IR distance
- Smart IR function

A Variety of Installation Modes

- Supports 90°, 180°, 270° image rotation
- Auto flip function
- Varifocal AF lens

Abundant Functions and Features

- Micro SD card slot, support Automatic Network Replenishment (ANR)
- Bi-directional audio / alarm in and out / RS485
- 2 channel audio input simultaneously
- Up to 3 Multi-stream
- Anti-fog with heating glass
- -40°C ~ 70°C operation temperature
- PoE
- IP67

Specifications

Model	IPC2451-Fi4N(-SIR50-Z2812, -SIR50-Z8032)
Camera	
Image Sensor	1/1.8" progressive scan CMOS
Pixels	4.0 Megapixel
Min. Illumination	Color: 0.005lux @ (F1.2, AGC ON) B/W: 0.0005lux @ (F1.2, AGC ON); 0Lux with IR
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Digital WDR
S/N Ratio	>58dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / BLC / WDR / HLC
Lens	
Auto Iris	DC drive
Focal Length	-Z2812: 2.8-12mm @ F1.2 motorized varifocal AF lens -Z8032: 8-32mm @ F1.2 motorized varifocal AF lens
Focus Control	Manual / Semi-Automatic / Auto
Angle of View	-Z2812: 45.5°~ 91° -Z8032: 15°~ 38°
Infrared	
IR Distance	50m
IR Intensity	Smart IR
Video	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 2688 x 1520 Secondary stream: D1
Frame Rate	Main stream: 2688 x 1520@25fps Secondary stream: D1@25fps
Bitrate	32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
Video Freeze	Supported
ROI	Supported
Digital Noise Reduction	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
Network	
Network Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, IGMP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2016, API, CGI
Automatic Network Replenishment (ANR)	Supported
Recognitive Functions	
Target Detection	Person, Face
Captured Picture	Built-in picture comparison algorithm, best picture selection
Target Characters	Direction / Speed level
People Counting	Bi-directional
Face Enhancement	Face Intelligence Exposure
Alarm	
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Intelligent	Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Interfaces	
Ethernet	10/100M, RJ45 interface
Audio In / Out	2 x Line in / 1 x Line out
Control	1 x RS485
Alarm In / Out	1 x Input / 1 x Output
Memory Slot	Micro SD card slot, supports up to 128GB
Environmental	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%
Protection level	IP67
Electrical	
Power	12V DC ± 10% / AC24V±10% / POE(802.3at)
Power Consumption	Max.15W
Mechanical	
Weight	2kg / 4.4lb (Gross Weight)
Dimensions	233.3 x 108.8 x 91.9mm / 9.19" x 4.28" x 3.62"

Dimensions

Units:mm

