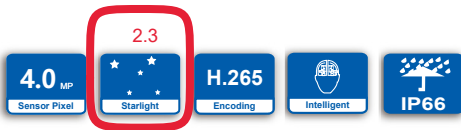


IPC2451-Fi4N&Fi4NB-SIR50

4.0MP Human Recognitive HD Network Varifocal IR Bullet



Features

Excellent Image Quality

- 4,085,760 Megapixel 1/1.8" progressive scan CMOS sensor
- High definition and smooth picture, 2688 x 1520@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- 3D noise reduction / Auto Iris / HLC

Integrated High Efficiency IR

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

Recognitive Functions

- Up to 36 targets simultaneously
- Target capturing
- Bi-directional people counting
- Built-in picture comparison algorithm, best picture selection
- 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

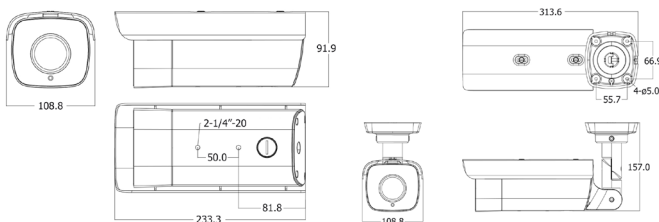
- Supports 90°, 180°, 270° image rotation
- Varifocal AF lens

Abundant Functions and Features

- Micro SD card slot, support Automatic Network Replenishment (ANR) 2.8
- Bi-directional audio / alarm in and out / video out / RS485
- 2 channel audio input simultaneously
- Up to 3 Multi-stream
- -40°C ~ 70°C operation temperature
- PoE
- IP67 2.15

Dimensions

Units:mm



Specifications

IPC2451-Fi4N&Fi4NB-SIR50	
Camera	
Image Sensor	2.5 1/1.8" progressive scan CMOS
Pixels	4,085,760 Megapixel 2.1
Min. Illumination	2.4 Color: 0.005lux @ (F1.2, AGC ON) B/W: 0.0005lux @ (F1.2, AGC ON); 0Lux with IR
Shutter Speed	2.6 1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W 2.3
Wide Dynamic Range	2.9 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	2.7 -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 2.3
IR Intensity	Smart IR
Video	
Compression	2.12 H.265 / H.264 / MJPEG
Image Resolution	Main stream: 2688 x 1520 2.1 Secondary stream: D1
Frame Rate	2.10 Main stream: 2688 x 1520@25fps 2.2 Secondary stream: D1@25fps
Bitrate	32kbps ~ 16Mbps 2.2
Bitrate Control	VBR / CBR
Multi-stream	Supported
Caption	Date and time / Alarm / 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	2.17 TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, IGMP, VSIP, UPnP, 802.1x, NAT, NTP, QoS, SMTP, SNMP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome) 2.13
Max. User Access	2.11 Max. 10 Users (includes 2 internal)
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2011, API, CGI
Automatic Network Replenishment (ANR)	Supported
Network	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, 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 28181-2011, API, CGI, COI
Automatic Network Replenishment (ANR)	Supported
Recognitive Functions	
Target Detection	Person, Face
Captured Picture	Person, Face
Target Characters	Built-in picture comparison algorithm, best picture selection
People Counting	Direction / Speed level
Face Enhancement	Bi-directional
Alarm Triggers	Face Intelligence Exposure
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error
Intelligent	2.8 Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
Interfaces	
Ethernet	2.14 i10/100M, 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	2.18 Micro SD card slot, supports up to 128GB
Environmental	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	2.16 10% ~ 95%
Protection level	IP67
Electrical	
Power	2.14 DC 12V ± 10% / AC 24V ± 10% / PoE (IEEE802.3at)
Power Consumption	Max. 15W
Mechanical	
Weight	-FNB: 2.5kg / 5.5lb (Gross Weight) -FN: 2kg / 4.4lb (Gross Weight)
Dimensions	-FNB: 313.6 x 108.8 x 157mm / 12.35" x 4.28" x 6.19" -FN: 233.3 x 108.8 x 91.9mm / 9.19" x 4.28" x 3.62"
Mounting Bracket	-FNB: Bracket included -FN: Bracket not included