IPC123-Fi4N

2.0MP Human Recognitive HD Network Box Camera

2.0MP	★★★ ★ ★	**H.265**		
Sensor Pixel	Starlight 2.0	Encoding	PoE	Intelligent

Features

Excellent Image Quality
- 2.0 Megapixel 1/2'' progressive scan CMOS sensor
- High definition and smooth picture, 1080p@60fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.0005lux with color picture
- 120dB Ultra WDR
- 3D noise reduction / HLC / BLC

Intelligent Functions
- Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
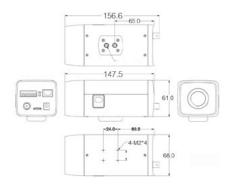
Recognitive Functions
- Up to 36 targets simultaneously
- Target capturing and characters recognizing
- Bi-directional people counting
- Built-in picture comparison algorithm, best picture selection
- Face Intelligence Exposure

A Variety of Installation Modes
- Supports 90°, 180°, 270° image rotation
- Auto flip function

Abundant Functions and Features
- Micro SD card slot, supports Automatic Network Replenishment (ANR)
- Up to 3 Multi-stream
- Bi-directional audio / alarm in and out / video out / RS485
- 2 channel audio input simultaneously
- Built-in Mic
- Built-in O-sensor
- PoE

Specifications

	IPC123-Fi4N
Camera	
Image Sensor	1/2'' Progressive Scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.0005Lux @ (F1.2, AGC ON) B/W: 0.0001Lux @ (F1.2, AGC ON)
Shutter Speed	1 ~ 1/30,000s
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Ultra WDR, >=120dB
S/N Ratio	>52dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / WDR / BLC / HLC
Lens (not included)	
Mount Type	C / CS
Auto Iris	DC drive / P-Iris
Video	
Compression	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 1080p Secondary stream: D1
Frame Rate	Main stream: 1080p@60fps Secondary stream: D1@30fps
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° / Auto flip (Built-in G-sensor)
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / G.726
Bitrate	32kbps ~ 64kbps
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
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
Automatic Network Replenishment (ANR)	Supported
Recognitive Functions	
Target Detection	Person, Face up to 36 targets simultaneously
Captured Picture	Person, Face, Full view 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 / 1 x Built-in Mic
Control	1 x RS485
Alarm In / Out	1 x Input / 1 x Output
Video Out	1 x BNC, 1.0V [p-p] / 75Ω
Memory Slot	Micro SD card slot, supports up to 256GB
Environmental	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%
Electrical	
Power	AC 24V ± 10% / DC 12V ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 6W
Mechanical	
Weight	0.5 kg / 1.1lb (Gross Weight)
Dimensions	147.5 x 68 x 61mm / 5.81'' x 2.68'' x 2.40''

Dimensions

Units:mm