IPC123-DN

2.0MP Ultra WDR HD Network Box Camera

2.0 MP Sensor Pixel | **Ultra WDR** | **TF Card Slot** | **Multi Stream** | **Low Illumination**

Features

Excellent Image Quality
- 2.0 Megapixel 1/3'' progressive scan CMOS Sensor
- High definition and smooth picture, 1080p@60fps
- H.264 high profile video codec, saves up to 30% bandwidth and storage
- Low illumination, 0.03lux with color picture
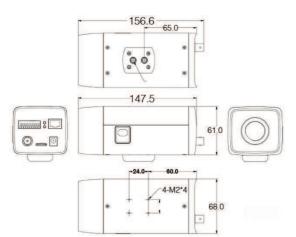- 120dB Ultra WDR
- 3D noise reduction

A Variety of Installation Modes
- Image rotation of 90°, 180°, 270° supports

Abundant Functions and Features
- Supports Automatic Network Replenishment (ANR)
- Up to 4 video streams
- Bi-directional audio / alarm in and out / video out / RS485
- PoE

Dimensions

Units: mm

Specifications

Model	IPC123-DN
Camera	
Image Sensor	1/3'' progressive scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.03lux @ (F1.2, AGC ON) B/W: 0.003lux @ (F1.2, AGC ON)
Shutter Speed	1/10 ~ 1/10,000s
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 / BLC / WDR
Lens (not included)	
Mount Type	C / CS
Automatic Iris	DC drive
Video	
Compression	H.264 / MJPEG
Image Resolution	Main stream: 1080p Secondary stream: D1
Frame Rate	Main stream: 1080p@60fps Secondary stream: D1@30fps
Bitrate	64kbps ~ 16Mbps
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
Digital Noise Reduction	3D noise reduction
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°
Audio	
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC
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, IPv4, IPv6 (optional)
User Interface	IPC Control (IE)
Max. User Access	Max. 10 Users (include 2 internal users)
Application Programming	ONVIF (Profile S), GB/T 28181-2011, API, CGI
Automatic Network Replenishment (ANR)	Supported
Alarm	
Alarm Triggers	Motion detection / Alarm input
Alarm Events	Alarm caption / Snapshot / External output
Interfaces	
Ethernet	10/100M, RJ45 interface
Audio In / Out	1 x Line in / 1 x Line out
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	TF card slot, supports up to 128GB
Environmental	
Operating Temperature	-30°C ~ 60°C / -22°F ~ 140°F
Operating Humidity	10% ~ 95%
Electrical	
Power	12V DC ± 10% / PoE (IEEE802.3af)
Power Consumption	Max. 6W
Mechanical	
Weight	0.5kg / 1.1lb (Gross Weight)
Dimensions	147.5 x 68 x 61mm / 5.81'' x 2.68'' x 2.40''