

IP-74N

1.3Megapixel WiFi Network Camera



- 1/3"1.3Megapixel Aptina CMOS
- Max 25/30fps@1.3M (1280×960)/720P(1280×720)
- H.264 & MJPEG dual-stream encoding
- DWDR, Day/Night, 3DNR,Auto iris, AWB,AGC,BLC
- 3.6mm fixed lens
- PIR sensor range 6m
- Max. IR LEDs length 10m
- Micro SD memory

System Overview

Clearview's IP-74N is a Wireless Indoor camera with a 3.6mm fixed lens capable of 25/30fps at 1.3M/ 720P. With a small form factor and Wireless capabilities, this camera is a great option for residential or small sized business installations, where pulling Ethernet or Coaxial cable isn't necessarily an option

The IP-74N features built in Wi-Fi(802.11b/g) for wireless connection to the recorder. It also has a Max 33ft IR range and 19 foot PIR sensor range. The camera also features a built in microphone and speaker for 2 way communication. It is also ONVIF Profile S compliant and supports micro SD card up to 64GB.

Environmental

Cameras operate in extreme temperature environments, rated for use in temperatures from -10° C to +50° C (14° F to +122° F) with 95% humidity.

Functions

H.264

Like all IC Realtime series products, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

Technical Specification

Camera

Image Sensor	1/3" 1.3Megapixel Aptina CMOS
Effective Pixels	1280(H)x960(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/10000
Minimum Illumination	0.01lux/F1.8(color), 0Lux/F1.8(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 10m (33ft)
IR On/Off Control	Auto / Manual
IR LEDs	1

Lens

Lens Type	Fixed
Mount Type	Board-in
Focal Length	3.6mm
Max. Aperture	F7.8
Angle of View	70°
Optical Zoom	N/A
Focus Control	Manual

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	N/A
-------------------------	-----

Video

Compression	H.264/MJPEG
Streaming Capability	2 Streams
Resolution	1.3M(1280x960)/720P(1280x720)/D1/CIF
Frame Rate	Main Stream: 1.3M/720P(1~25/30fps) Sub Stream: D1(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 16K ~ 8096Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control	Auto / Manual
Noise Reduction	3D

Electronic Image Stabilization (EIS)	N/A
Flip	N/A
Mirror	N/A
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	G.711a / G.711u/ PCM
-------------	----------------------

Network

Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	Wi-Fi(802.11b/g)
Protocol	IPv4/IPv6, HTTP, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour
Interoperability	ONVIF
Max. User Access	10 Users
Edge Storage	NAS Local PC for instant recording Micro SD card 64GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	SmartICRSS, DSS
Smart Phone	IOS, Android

Interface

Video Interface	N/A
Audio Interface	Built-in Mic and Speaker
RS485	N/A
Alarm	1/1 channel In/Out
PIR Sensor Range	Up to 6m

Electrical

Power Supply	DC12V
Power Consumption	<5.3W

Environmental

Operating Conditions	-10°C~+50°C, Less than 95%RH
Ingress Protection	N/A
Vandal Resistance	N/A

Construction

Casing	ABS Shell
Dimensions	66.6mm×99.5mm× 131.2mm
Net Weight	0.35Kg (0.4kg with bracket)

Dimensions (mm/in)

