

# IPC-812P (N)-IR1 (IR3)

## IR Waterproof Network Camera

### Overview

Network cameras enable you to preview and record live video remotely from anywhere in the world. It is a kind of embedded digital surveillance product that combines of traditional analog camera and net DVS (Digital Video Server). The system operates with high scheduling efficiency due to its embedded Linux operation system, H.264 hardware compression and the latest TI Davinci hardware platform.

IPC-812P (N)-IR1 (IR3) is a high quality IR Water-Proof network camera.



### Features

- High Performance Sony CCD
- Linux OS Embedded
- TI DaVinci Hardware Compression
- H.264 / MPEG-4 Video Compression
- 1 Channel Audio Compression
- Support 4CIF / DCIF / 2CIF / CIF / QCIF Real Time Compression
- Support Dual Stream Compression
- Support Motion Detection, and Notification on PC Client
- Support both Variable Bit Rate and Variable Frame Rate
- Support TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE, etc.
- Support IE for Network Preview
- Support Digital Watermark
- Support Sensor Alarm Input and Relay Output

- Support Network Intercom Function
- Min. Illumination: 0.1Lux @ F1.2 (0 Lux with IR)

## Specification

Parameter Model	IPC-812P (N)-IR1 (IR3)
<b>Camera</b>	
Image Sensor	1/3 inch SONY Super HAD CCD
Effective Pixels	PAL:752 (H) × 582 (V) NTSC:768 (H) × 494 (V)
Lens Mount	M12×0.5
Signal System	PAL / NTSC
Electronic Shutter	1/50 (1/60)S ~ 1/50~1/100,000S
Min. Illumination	0.1Lux @ F1.2 (0 Lux With IR)
Lens	"-IR1" series: 6mm (2.8mm, 3.6mm option) "-IR3" series: 12mm (3.6mm, 6mm, 8mm, 16mm option)
S/N Ratio	More than 48dB
Video Output	480TVL, 1Vpp Composite Output (75Ω/BNC)
<b>Compression Standard</b>	
Video Compression	H.264 / MPEG-4
Video Output	32 K ~ 2M, adjustable (8Mbps maximum)
Audio Compression	OggVorbis
<b>Image</b>	
Image Resolution	PAL: 704 × 576, 528 × 384, 704 × 288, 352 × 288, 176 × 144 NTSC: 704 × 480, 528 × 320, 704 × 240, 352 × 240, 176 × 120
Frame Rate	25 fps (704 × 576), 30fps (704 × 480)
<b>Function</b>	
Motion Detect	Support
Dual Stream	Support
Heartbeat	Support
Password Protect	Support
Protocols	TCP / IP,HTTP,DHCP,DNS,RTP / RTCP, PPPoE (FTP,SMTP,NTP,SNMP addible)
Infrared Distance	"-IR1" series IR Illuminators up to 10 meters; "-IR3" series IR Illuminators up to 30 meters
<b>Interface</b>	
Audio Input	1 channel (2.0 ~ 2.4Vp-p, 1kΩ)
Audio Output	1 channel (Line level, 600Ω)
Communication	1 RJ45 10M / 100M self-adapted Ethernet port and one RS-485 interface

Alarm Input	1 channel signal input
Alarm Output	1 channel relay output
<b>Others</b>	
Working Temperature	-10°C ~ 60°C
Water and Dust Resistance	IP66
Power Supply	12VDC, ±10%
Power Consumption	"-IR1" series: 5.5W MAX "-IR3" series: 7W MAX
Dimensions(mm)	86.5 × 83.2 × 228
Weight	1400g

## Dimension

