

IPC-1



IP OVER COAX CABLE CONVERTER

The IPC-1 allows IP camera signals to travel on existing RG59U or RG6 coaxial cables once used for analog cameras and will extend the operating range of an IP camera far beyond the 100 meter limitation of network cabling to over 300 meters (1000 Feet) of coax cable. This equipment operates in full duplex mode without reducing maximum network speed and requires very little installation time with absolutely no set up of IP or MAC addresses so no configuration time is required. You can use this equipment with 10 Mbps signals all the way up to 100Mbps standard Ethernet IP signals. The IPC-1 will pass all forms of error detection and parity signals without interference.

Using this equipment you can overcome network cable distance limitations and reach out to areas and locations traditional networking does not allow. Both the 8P8C (RJ45) IP input and the BNC coaxial cable connections are auto-terminated to guarantee proper termination. A bi-colored LED monitors the power supply and the Data signal integrity.

Installation is a snap, just connect one unit at each end of the coaxial cable, then plug your network cables into a unit at each end, then apply power to the units. IP data will begin to automatically communicate and establish the link and then your video will appear at the other end. This unit has easy mounting and a small foot print that helps make it ideal for limited access and tight installations.

IPC-1

IP VIDEO INPUT

Standard
Impedance
Connectors
Data Level
Baud Rate

SPECIFICATIONS

All IP Video Standards
100 Ohms
8P8C (receptacle)
800 mVpp
10-100 Mbit

COAXIAL INPUT/OUTPUT

Standard
Impedance
Connector
Data Level
Baud Rate

All IP Video Standards
75 Ohm
BNC (female)
1600 mVpp
10-100 Mbit

NETWORK WIRING

Network Polarity (End to End)

Reverses 1,2 and 3,6 connection
(Use T568A for straight applications)

MECHANICAL

Size
Power
Power cube

5.50"L X 3.3"W X 2.0"D
24 Volts AC/DC 60mA
24 Volts AC (2 included)

