

Coaxial / Ethernet Converter (pair)

EE-CEC-10001



KEY FEATURES

- Turns any existing analog video cable (coaxial) into a high-speed Ethernet connection
- Allows multiple networked IP Cameras to replace a single analog CCTV camera, without installation of new cabling
- Especially suited to mega-pixel IP camera applications, or multiple IP cameras, as it supports high data rates
- Easy installation, by simply connecting one converter at either end of the coaxial cable with BNC connectors
- Instantly operates as a full-duplex 100BaseT Ethernet connection and is completely transparent to any network device
- No MAC address or IP address and requires no setup whatsoever
- Full-speed over 800ft cable runs
- Low power – uses camera supply
- Compact, each converter about the size of a pack of playing cards, and is designed to fit inside a camera housing

TECHNICAL SPECIFICATIONS

COAXIAL INTERFACE

Connector Type	BNC 75 ohm
Cable Impedance	75 ohm (RG59 or similar)
Cable Length Max	Up to 800ft for full data rate (or up to 1100ft at a reduced rate)
Data Throughput Max	200Mbps (total up + down) Auto-adaptation to cable conditions

ETHERNET INTERFACE

Connector Type	RJ45
Cable Type	Straight through or cross-over Auto-detected rates supported: 100BaseT / 10BaseT full/half duplex with auto negotiation

ENVIRONMENTAL

Operating Temp	14°F to 122°F
Relative Humidity	85% non-condensing
Grounding	Chassis should be grounded and is connected to the BNC shield
Dimensions (L x W x H)	4.01" (3.27" exc. conns.) x 2.13" x 0.91"
Weight	4 oz (110 g)
Compliance	FCC, CE, RoHS

LED INDICATORS

Green – Constant	Power OK, Full data link
Green – Slow	Power OK, Auto-adapted data link
Green – Blink	Power OK, no link
Green – Off	No power
Amber – Constant	Ethernet link On
Amber – Blink	Network traffic

AUTO CABLE ADAPTATION

Where cable length, quality or signal interference prevents full rate operation (200Mbps), the EAGLE EYE Coaxial / Ethernet Converter pair will auto-adapt to transmission conditions, lowering the total bandwidth as necessary.

This will be transparent to the network system, although the connection bandwidth will be reduced. However it is the total rate (up + down) which decreases – so that for example at half rate, cameras that require up to 90Mbps downstream and 10Mbps upstream capacity will not be affected.

Smarter Surveillance