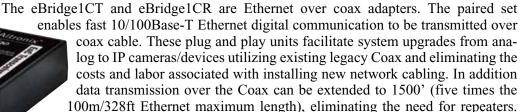
# eBridge1CRT - IP over Coax Kit

Rev. DSeBridge1CRT\_08312012

## **Overview**



At the same time the units can combine Composite Video Signal with the Ethernet data enabling connection to an analog input on a monitor or matrix switch.

# **Specifications**

# Input:

eBridge1CR

• 12VDC to 24VDC Class 2 power supply (polarity not observed) or 16VAC to 24VAC Class 2 plug-in transformer.

# **Power Consumption:**

• eBridge1CR/eBridge1CT: 12VDC/275mA, 24VDC/110mA, 16VAC/375mA, 24VAC/200mA.

eBridge1CT

#### Ethernet:

- Connectivity: RJ45, auto-crossover.
- Wire type: 4-pair Cat-5 or higher structured cable.
- Distance: up to 328 ft. (100m).
- Speed: 10/100BaseT, half/full duplex, auto negotiation.
- Throughput is rated to pass 25mbps of data at distances up to 1500 ft. With proper headend equipment, multiple Megapixel cameras can be used.

#### Coax:

- Distance: up to 1,500 ft.
- Connectivity: BNC, RG-59/U or similar.

#### LED Indicators:

- Blue LED Coax link connection.
- Yellow and Green LED (RJ45) IP Link status, 10/100Base-T/active.
- Green LED Power.

#### Environmental:

- Operating Temperature:  $14^{\circ}$ F to  $122^{\circ}$ F ( $-10^{\circ}$ C to  $+50^{\circ}$ C).
- Storage Temperature:
  - $-22^{\circ}$  to  $158^{\circ}$ F ( $-30^{\circ}$  to  $+70^{\circ}$ C) Storage.
- Humidity: 20 to 85%, non-condensing.

#### Electrical:

- BTU/Hr.:
  - 12VDC: 1.69 BTU/Hr. - 24VDC: 4.46 BTU/Hr.

# Electrical (cont'd):

- BTU/Hr.:
  - 16VAC: 3.07 BTU/Hr.
  - 24VAC: 2.46 BTU/Hr.

#### Accessories:

- Composite video cables (included) enables simultaneous composite video signal over the same Coax.
- Two (2) power connectors.

## Applications:

- Retrofit digital IP cameras in an analog CCTV installation.
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras.
- Extend Network link distance in an industrial environment.
- Upgrade deployed CCTV Coax to a digital network for Retail, Casinos, Airports, Schools, Hospitals, etc.
- Enables simultaneous transmission of composite and digital IP video.

#### Mechanical:

- Lightweight molded fiberglass reinforced polyester enclosure is corrosion resistant and does not contain
- Dimensions (W x L x H approx.): 2.5" (63.5mm) x 3.8" (96.52mm) x 1" (25.4mm)
- Product weight (approx.): 4 oz. (0.11 kg.).
- Shipping weight (approx.): 7 oz. (0.17 kg.).

### Units available individually:

- eBridge1CR: Ethernet receiver enables IP video/data over Coax. Operates with compatible cameras/devices or eBridge1CT.
- eBridge1CT: Ethernet transceiver enables IP video/ data over Coax. Operates with eBridge1CR.

# **Agency Approvals**



UL/CUL Listed for Information **US** Technology Equipment (UL 60950-1).



**C** European Conformity



C-Tick Approved - Z1409