



The eBridge1CT is designed for use with the eBridge 1CR and eBridge 16CR Ethernet over Coax (EoC) Receivers (available separately).

## Features

### **Easily retrofit IP cameras on analogue CCTV infrastructure**

Transmits fast 10/100Base-T Ethernet digital communications over ordinary coax cable.

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Allows re-use of existing legacy coax infrastructure, simplifying digital upgrades and reducing the costs and complexity associated with installing new Ethernet network cabling.

### **Compatible with wide range of cameras**

Supports operation with Standard Definition and High Definition (up to 1080) IP cameras.

### **Easy operation**

Plug and play design allows simple, rapid installation.

### **Extends transmission range over Ethernet**

IP camera signals can be transmitted over coax cable runs up to a distance of up to 600m, eliminating the need for repeaters in larger-scale installations.

### **Compatible with wide range of IP network cameras**

The eBridge1CT is compatible with Sony V Series IP cameras and PTZ models. Compatibility with X Series and E Series cameras requires PoE. It can also be used with other compatible third-party network video devices.

## Specifications

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Input	12VDC to 24VDC Class 2 power supply (polarity not observed) or 16VAC to 24VAC Class 2 plug-in transformer.
Power Consumption	12VDC/275mA, 24VDC/110mA, 16VAC/375mA, 24VAC/200mA.
SLOCTM Compliant	Incorporates *SLOCTM (Security Link over Coax) technology.
Ethernet	<ul style="list-style-type: none"> <li>– Connectivity: RJ45, auto-crossover.</li> <li>– Wire type: 4-pair CAT-5 or better structured cable.</li> <li>– Distance: up to 328 ft. (100 m).</li> <li>– Speed: 10/100BaseT, half/full duplex, auto negotiation.</li> <li>– Throughput is rated to pass 25mbps of data at distances up to 1,500 ft. With proper headend equipment, multiple Megapixel cameras can be used.</li> </ul>
Coax	<p>Distance: up to 1,500 ft.</p> <p>Connectivity: BNC, RG-59/U or similar.</p>

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°F to 122°F (-10°C to +50°C). Storage Temperature: -22° to 158°F (-30° to +70°C) Storage. Humidity: 20 to 85%, non-condensing.
Electrical	BTU/Hr.: VDC: 1.69 - 4.46 BTU/Hr. VAC: 2.46 - 3.07 BTU/Hr.
Accessories	Composite video cable (included) – enables simultaneous composite video signal over the same Coax. Power connector.
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.

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Mechanical

Lightweight molded fiberglass reinforced polyester enclosure is corrosion resistant and does not contain halogens.

Dimensions (W x L x H approx.): 2.5" x 3.8" x 1" (63.5 mm x 96.52 mm x 25.4 mm)

Product weight (approx.): 3.4 oz. (0.10 kg).

Shipping weight (approx.): 5.4 oz. (0.15 kg).

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Additional eBridge models

eBridge1CR: Single port ethernet receiver (use with eBridge1CT or SLOC™ cameras).

eBridge1CRT: Single port ethernet receiver and transceiver kit.

eBridge4CR: Four (4) port ethernet receiver.

eBridge16CR: Sixteen (16) port ethernet receiver.

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Hybrid-  
Kameraempfänger für  
eine nahtlose  
Integration von  
Analog und IP

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