



## Ethernet over Coax/Cat5e Extender

eBridge100RMT

SKU: 787    UPC: 782240000000

eBridge100RMT Ethernet over Coax/CAT5e Adapter Kits transmit full duplex data at 100mbps and pass PoE compliant power over coax 304m, or CAT5e cable up to 500m without repeaters. The adapter kit consists of an eBridge100RM receiver and an eBridge100TM transceiver. These adapters, along with the connected IP camera or edge device, is powered by virtually any midspan or endspan. Remote management functions such as edge device reset, monitoring real-time current draw and port status are possible when coupled with an Altronix NetWay8M/16M Midspan. eBridge100RMT is compatible with Megapixel, HD720, HD1080 and VGA cameras.

### Features

- Powered by midspan or endspan
- PoE compliant to IEEE 802.3af (15W) and PoE+ compliant to IEEE 802.3at (30W)
- Connectivity: RJ45, auto-crossover
- Wire type: 4-pair CAT5e cable
- Speed: 10/100BaseT, half/full duplex, auto negotiation
- PoE compliant to IEEE 802.3af (15W) and PoE+ compliant to IEEE 802.3at (30W)
- The eBridge100RM receiver passes power over Coax/CAT5e cable to the eBridge100TM transceiver which in turn passes this power to an enabled IP Camera/edge device
- Throughput is rated to pass 100mbps of data

Input eBridge100RM Powered by midspan or endspan. PoE compliant to IEEE 802.3af (15W) and PoE+ compliant to IEEE 802.3at (30W). Ethernet Connectivity: RJ45, auto-crossover. Wire type: 4-pair CAT5e cable. Speed: 10/100BaseT, half/full duplex, auto negotiation. PoE compliant to IEEE 802.3af (15W) and PoE+ compliant to IEEE 802.3at (30W). The eBridge100RM receiver passes power over Coax/CAT5e cable to the eBridge100TM transceiver which in turn passes this power to an enabled IP Camera/edge device. Throughput is rated to pass 100Mbps of data. Coax Distance: up to 304m. Connectivity: BNC, RG-59/U or similar. CAT5e or higher Distance: up to 500m. LED Indicators eBridge100RM and eBridge100TM: Yellow - PoE ON (by respective RJ45 jack). eBridge100RM and eBridge100TM: Yellow and Green LED (RJ45) IP Link status, 10/100Base-T/active. Operating Temperature eBridge100RM: -20Â°C to 49Â°C (-4Â°F to 120.2Â°F). eBridge100TM: -20Â°C to 49Â°C (-4Â°F to 120.2Â°F). Storage Temperature: -30Â°C to 70Â°C (-22Â°F to 158Â°F). Humidity: 20 to 85%, non-condensing. Operating altitude - 304.8 to 2000m ( - 1000 to 6,561.679 ft.). Functions Auto detection and protection of legacy non-PoE cameras/devices.