eBridge™

ETHERNET OVER COAX
solutions

eBridge Ethernet over coax Adapters are a cost-effective solution to upgrade and expand security and surveillance utilizing coax, while supporting PoE, PoE+ and Hi-PoE devices. eBridge can reach distances up to 500m – five times standard Ethernet range.

eBridge Features:

- Upgrade your surveillance system utilizing existing coax infrastructure

- Reduces labor and installation costs of deploying new cable

- Transmits IP video/data over coax cable up to 500m without repeaters

- Speeds of up to 100Mbps full duplex

- Supports PoE (IEEE 802.3af), PoE+ (IEEE 802.3at) and even Hi-PoE cameras, accessories and access control devices

- Indoor and Outdoor versions available.

- UL Listed in the U.S. and Canada, CE Approved and C-Tick Compliant

Altronix®

More than just power.™

eBridge | eBridge PLUS

Altronix®

Ethernet over Coax Solutions

Altronix Model Number	Power/PoE	Distance/ Bandwidth	Ports	Receiver	Transceiver	Kit	Simultaneous Composite Video*	Built-In Management	Operating (input) Voltage
eBridge1CRT	N/A	500m / 25Mbps	1	eBridge1CR	eBridge1CT	✓	✓	N/A	12-24VDC / 16-24VAC
eBridge4CR			4	✓	(4) eBridge1CT	–			24-56VDC / 24VAC
eBridge16CR			16	✓	(16) eBridge1CT	–			24-56VDC / 24VAC
eBridge1PCRT	Provides PoE	500m / 25Mbps	1	eBridge1PCR	eBridge1PCT	✓	N/A	N/A	24VDC / 24VAC
eBridge1PCRTX	Provides PoE / PoE+	500m / 25Mbps	1	eBridge1PCRX	eBridge1PCTX	✓	N/A	N/A	24-56VDC
eBridge4PCRX			4	✓	(4) eBridge1PCTX	–		Browser based - Local and remote status monitoring	48-56VDC
eBridge8PCRX			8	✓	(8) eBridge1PCTX	–			48-56VDC
eBridge16PCRX			16	✓	(16) eBridge1PCTX	–			48-56VDC
eBridge1PCRMT	Passes PoE / PoE+	500m / 25Mbps	1	eBridge1PCRM	eBridge1PCTX	✓	N/A	N/A	PoE / PoE+ (optional 24VAC/VDC)
eBridge4PCRM			4	✓	(4) eBridge1PCRM	–			PoE / PoE+
eBridge8PCRM			8	✓	(8) eBridge1PCRM	–			
eBridge16PCRM			16	✓	(16) eBridge1PCRM	–			
eBridge100STR	Passes PoE / PoE+	300m / 100Mbps	1	eBridge100RM	eBridge100ST	✓	N/A	N/A	PoE / PoE+
eBridge400PCRM			4	✓	(4) eBridge100ST	–			
eBridge800PCRM			8	✓	(8) eBridge100ST	–			
eBridge1600PCRM			16	✓	(16) eBridge100ST	–			

* Camera must be able to transmit composite and IP video simultaneously.

Enable (4) IP Devices over a Single Coax

Altronix Model Number	Power (PoE)	Distance/ Bandwidth	Ports	Receiver	Transceiver/ Switch	Kit	Built-In Management	Operating (input) Voltage
eBridge4SK	Passes PoE / PoE+	300m / 100Mbps	4	eBridge100SPR (Passes 56VDC)	eBridge4SPT	✓	Browser based - Local and remote status monitoring	56VDC

Outdoor Transceiver - PoE / PoE+ / Hi-PoE over Coax/CAT5e

Altronix Model Number	Power (PoE)	Distance/ Bandwidth	Ports	PoE / PoE+ Over Coax	Hi-PoE Over Coax	PoE / PoE+ Over CAT5	Hi-PoE Over CAT5	Built-In Management	Enclosure
eBridge200WPM	Passes PoE / PoE+ and Hi-PoE	300m / 100Mbps over Coax / 500m / 100Mbps over CAT5e	(1) 60W or (2) 30W	eBridge100RM Receiver (Required)	eBridge100SPR Receiver (Required)	Pace1PRM Receiver (Required)	Pace1PRD Receiver (Required)	Remote reset, monitoring and reporting. Email/SNMP trap message notifications.	IP66, NEMA 4/4X