Altronix®

Rev. 07222026

eBridge200WPM

Outdoor Managed Two Port Transceiver

eBridge PLUS

Altronix eBridge200WPM PoE Ethernet transceiver/media converter transmits data and power over Coax or CAT5 cable over distances that are 3 to 5 times greater than standard Ethernet. Upgrading existing Coax analog camera infrastructure to IP cameras is greatly simplified as well. eBridge200WPM can support up to two PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at) cameras/devices or a single 60W device. eBridge200WPM offers built-in IP management which allows for remote camera reset, monitoring and reporting via various IP protocols. There is no need to install remote AC mains power, since these devices are simply powered from the low voltage PoE midspan/endspan equipment, such as Altronix NetWay midspans or eBridge100SPR. Model **eBridge200WPMH** features enclosure with three (3) 5/8" wiring inlets and includes NEMA rated wire glands.

eBridge200WPM

Key Features

- Up to 60W total power
- Passes 100Mbps up to 300m via Coax or 500m via CAT5e
- Eliminates the costs and labor associated with installing new network cabling
- Retrofit digital IP cameras in an analog CCTV installation
- Auto detection and protection of legacy non-PoE cameras/devices
- Works with Megapixel, HD720, HD1080 & VGA (SD) cameras
- Extends Network link distance in an industrial environment
- Upgrades deployed CCTV Coax to a digital network for Retail, Casinos, Airports, Schools, Hospitals, etc.
- Lightweight molded fiberglass reinforced polyester enclosure is corrosion resistant, non-conductive and does not contain halogens
- UL Listed in the U.S. and Canada
- CE European Conformity
- Lifetime Warranty

Compatible Receivers:

eBridgePlus PCRM Receivers:

Transmit IP video/data over coax up to 300m @ 100Mbps.
Supports PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at).
UL/cUL Listed (UL60950-1). CE and C-Tick Approved.

eBridge100SPR - IP and PoE/PoE+/60W Receiver

Transmits data at 100Mbps and provides power in a PoE (IEEE 802.3af), PoE+ (IEEE 802.3at) or 60W compliant format.
UL/cUL Listed (UL60950-1). CE European Conformity.

Pace PRM Series Receivers - Up to Sixteen (16) Port IP and PoE+ Receivers

Transmit IP video/data over CAT5e up to 500m @ 100Mbps.
Support PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at).
UL/cUL Listed (UL60950-1). CE and C-Tick Approved.

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

eBridge200WPM

Outdoor Managed Two Port Transceiver

Specifications

Input Options

30W: Midspan or Endspan;
Pace1PRM, 4PRM, 8PRM, or 16PRM;
eBridge100RM, 400PCRM, 800PCRM, or 1600PCRM

60W: Pace1PRD, eBridge100SPR, or NetWay1D

Power Output:

2 ports PoE+ (30W) per port or 1 port 60W
Total output power: 60W

Coax

Throughput rated at 100Mbps at distances up to 300m
Speed: 10/100BaseT, half/full duplex, auto negotiation
Connectivity: BNC, RG-59/U or similar

Ethernet

Throughput rated at 100Mbps at distances up to 500m
Device distance (eBridge200WPM to camera/device): 100m max
Speed: 10/100BaseT, half/full duplex, auto negotiation
Connectivity: RJ45, auto crossover

Indicators (LED)

LED 1: PoE active on Spare
LED 2: PoE active on Signal
Yellow and Green LEDs (by RJ45 jack): IP Link status, 10/100Base-T/active

Agency Listings

UL/cUL	UL 60950-1 (Information Technology Equipment)
CE	European Conformity

Physical and Environmental

Dimensions (W x L x H)
Enclosure:
9.5" x 7.32" x 4.92" (241.3mm x 185.9mm x 125mm)
Shipping:
13" x 10" x 7" (330.2mm x 254mm x 177.8mm)

Weight (approx.)

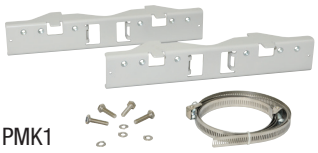
Product:	2.2 lb. (1.01 kg)
Shipping:	3.2 lb. (1.45 kg)

Temperature

Operating:

60W over CAT5:	– 40ºC to 75ºC (– 40ºF to 167ºF)
60W over Coax:	– 40ºC to 65ºC (– 40ºF to 149ºF)
45W over Coax:	– 40ºC to 75ºC (– 40ºF to 167ºF)
Storage:	– 40ºC to 70ºC (– 40º to 158ºF)
Relative Humidity	85% +/– 5%
Operating Altitude:	– 304.8 to 2,000m

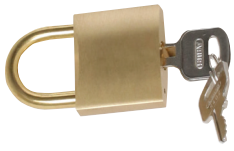
Accessories (order separately)



PMK1

PMK1 - Pole Mount Kit

PMK2 pole mount kit is designed to simplify installation of outdoor units. It accommodates 2"- 8"(diameter) poles.



Lock1WP

LOCK1WP - Pad Lock for Altronix Outdoor Enclosures

Altronix Lock1WP is a pad lock to secure the latches on Altronix outdoor enclosures.
Includes a single pad lock and two (2) keys.

WG1

WG1 - NEMA Rated Wire Gland Inlet

Altronix WG1 facilitates wiring for all Altronix outdoor enclosures.

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA
phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

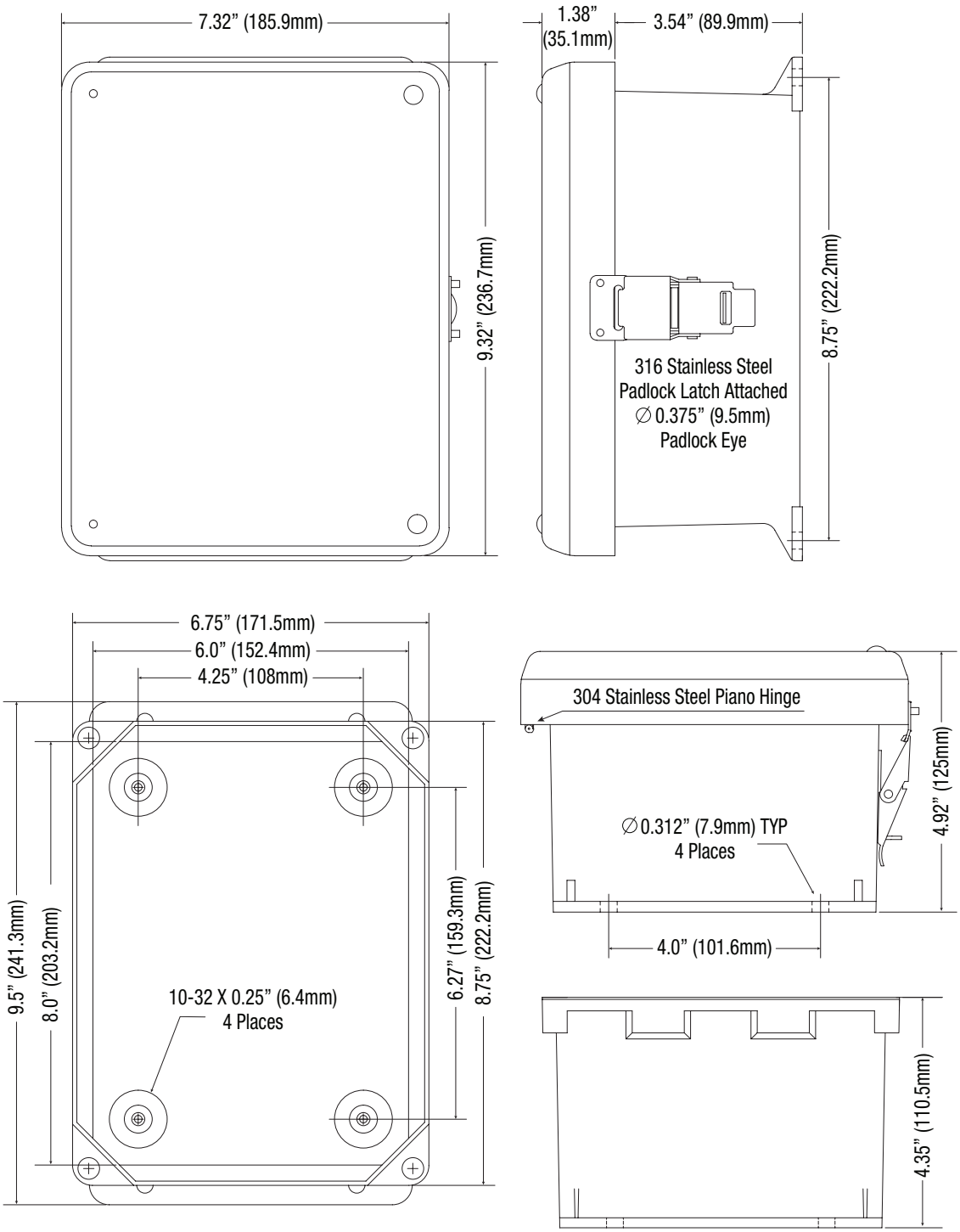
Altronix®

eBridge200WPM

Outdoor Managed Two Port Transceiver

eBridge PLUS

Dimensions and Drawing

Dimensions (H x W x D approximate)

9.32” x 7.32” x 4.92” (236.7mm x 185.9mm x 125mm)