

Pace1PRMHT

IP and PoE+ over Extended Distance CAT5e Solution



Altronix Pace1PRMHT is a long range Ethernet adapter kit which transmits data at 100Mbps full duplex and power via a CAT5e or higher cable in a PoE(+) compliant format. Pace1PRMHT receiver is powered via a PoE midspan, such as the Altronix Netway series, or by an endspan. The receiver passes the PoE(+) compliant power over the cable to Pace1PTM transceiver which, in turn, passes this power to an enabled IP camera/device. These plug and play units facilitate cost-effective solutions for IP devices that need to be installed at distances greater than 100m.



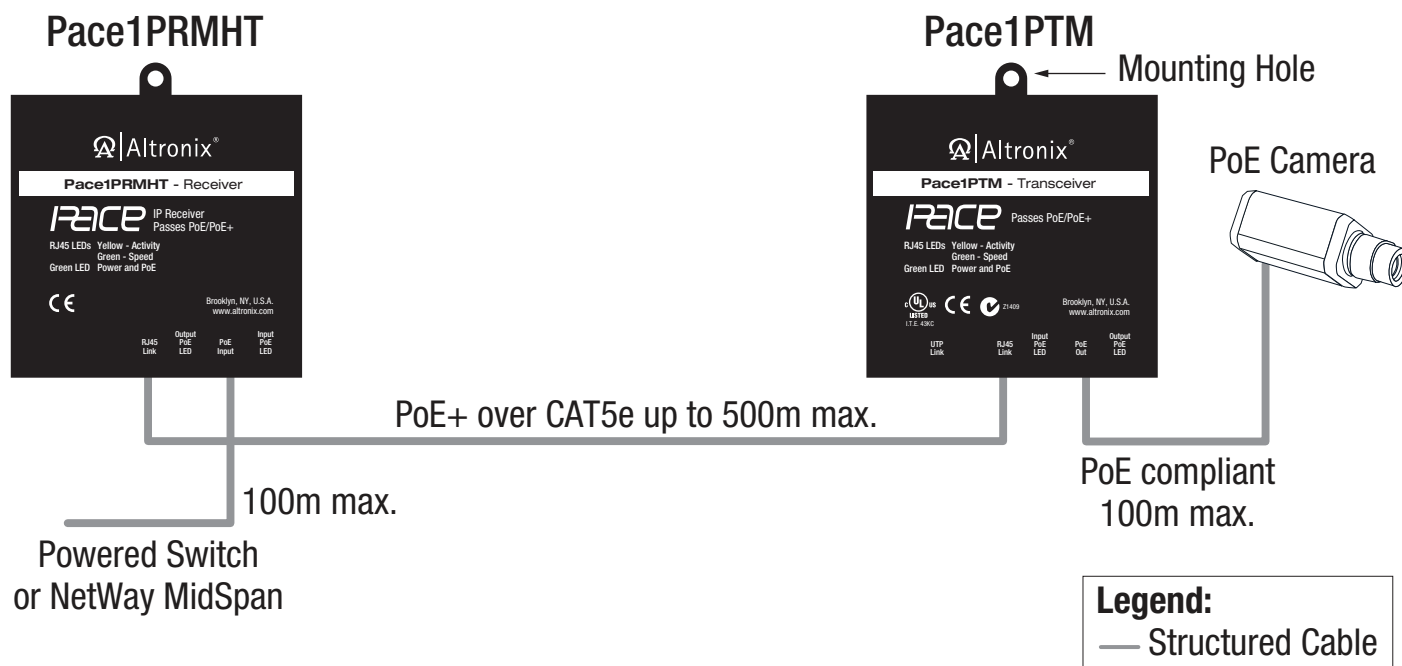
Pace1PTM

Pace1PRMHT

Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W)
- Throughput is rated to pass 100Mbps
- 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
- Retrofit digital IP cameras in an analog CCTV CAT5e wired installations
- CE European Conformity
- Lifetime Warranty

Typical Operation Diagram



Lifetime Warranty



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Specifications

Input

- Pace1PRMHT:** Powered by midspan or endspan.
PoE compliant to IEEE 802.3af (15W) and
PoE+ compliant to IEEE 802.3at (30W)
- Pace1PTM:** Powered by Pace1PRMHT

Ethernet

- Connectivity: RJ45, auto-crossover
Wire type: 4-pair CAT-5
Distance: CAT5e: up to 500m
Throughput is rated to pass 100mbps of data.
With proper headend equipment multiple Megapixel
cameras can be used
Speed: 100BaseT, full duplex, auto negotiation

Indicators (LED)

- Green LED:** PoE ON
Yellow and Green LED (by RJ45 jack):
IP Link status, 100Base-T/active

Agency Listings

- CE** European Conformity

Physical and Environmental

Dimensions (W x L x H)

- Pace1PRMHT and Pace1PTM:**
3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm).

Weight (approx.)

- Product Weight** 0.4 lb. (0.18 kg).
Shipping Weight 1 lb. (0.45 kg).

Temperature

Operating:

- Pace1PRMHT:** 15W: -40°C to 75°C (-40°F to 167°F)
25W: -40°C to 49°C (-40°F to 120°F)
- Pace1PTM:** 15W: -40°C to 75°C (-40°F to 167°F)
25W: -40°C to 70°C (-40°F to 158°F)
30W: -40°C to 60°C (-40°F to 140°F)

Storage:

- 40°C to 75°C (-40° to 167°F)

Relative Humidity: 85% +/- 5%

Operating Altitude: -304.8 to 2,000m

Lifetime Warranty