

Pace1PRMT

IP and PoE+ over Extended Distance CAT5e or UTP Solution

Description

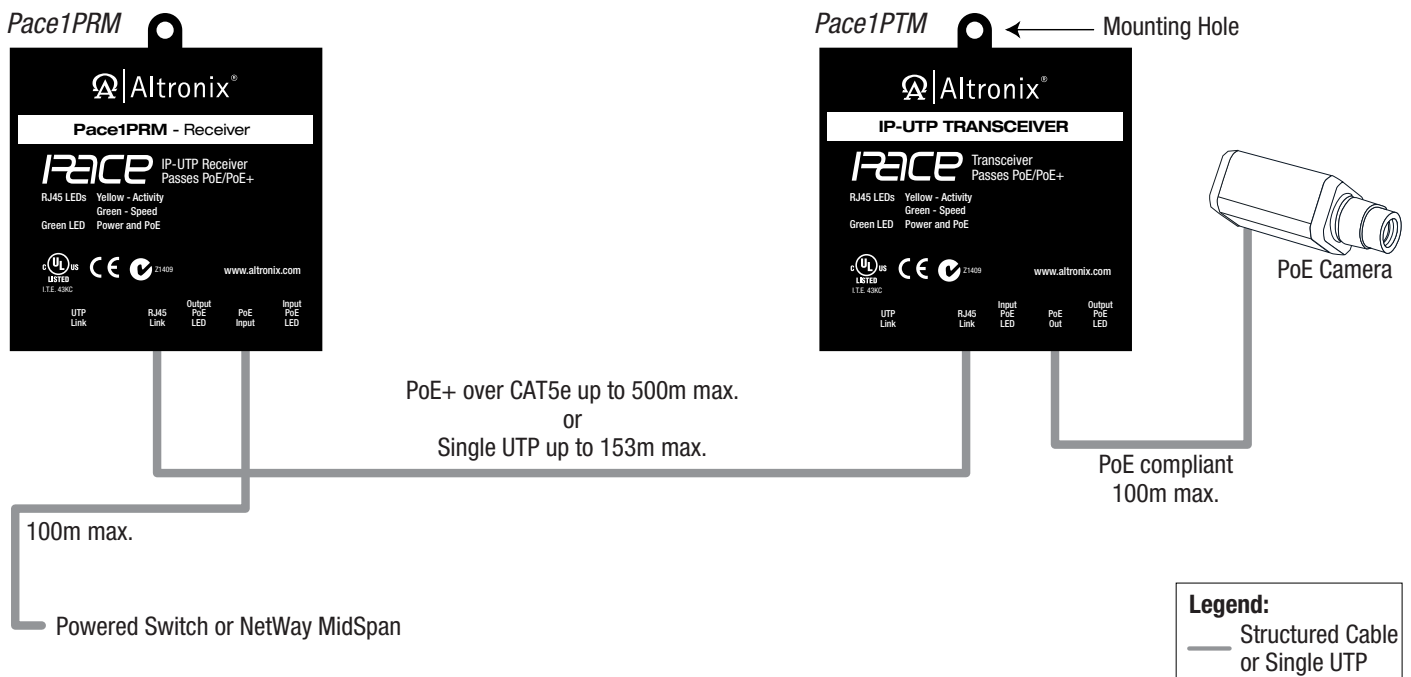
Altronix Pace1PRMT is a long range Ethernet adapter kit which transmits data at 100Mbps full duplex and power via a single twisted pair (UTP) or CAT5e or higher cable in a PoE(+) compliant format. Pace1PRM receiver is powered via a PoE midspan, such as the Altronix Netway series, or by an endspan. The 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. They also provide a simple way to replace legacy analog products with new IP devices over single twisted pair (UTP) or structured cable.



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.
- UL Listed in the U.S. and Canada.
- CE Approved.
- C-Tick Compliant.
- Lifetime Warranty / Made in the U.S.A.

Typical Operation Diagram





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Specifications

Input

- Pace1PRM:** Powered by midspan or endspan.
PoE compliant to IEEE 802.3af (15W) and
PoE+ compliant to IEEE 802.3at (30W).
- Pace1PTM:** Powered by Pace1PRM.

Ethernet

- Connectivity: RJ45, auto-crossover.
Wire type: 4-pair Cat-5 or a single twisted pair UTP.
Distance:
 CAT5e: up to 500m.
 UTP: up to 152m.
Throughput is rated to pass 100mbps of data.
With proper headend equipment multiple Megapixel
cameras can be used.
Speed: 10/100BaseT, half/full duplex, auto negotiation.

Indicators (LED)

- Green LED:** PoE ON.
Yellow and Green LED (by RJ45 jack):
IP Link status, 10/100Base-T/active.

Agency Listings

- UL/cUL** UL60950-1
(Information Technology Equipment).
CE European Conformity.
C-Tick compliant.

Physical and Environmental

- Dimensions (W x L x H)**
Pace1PRM and Pace1PTM:
3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm).

Weight (approx.)

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

Temperature

- Operating:**
Pace1PRM: -20°C to 49°C (-4°F to 120.2°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.