

Pace1PRM

IP and PoE+ over Extended Distance CAT5e or UTP Receiver

Description

Altronix Pace1PRM is a long range Ethernet receiver. It is powered by 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 or Pace1ST 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 - Pace1PTM) or structured cable.



Pace1PRM

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.

Compatible Transceivers:



Pace1ST

Pace1ST
IP and PoE+ over Extended Distance CAT5e Hardened Transceiver
 Delivers IP video/data over CAT5e or higher up to 500m @ 100Mbps.
 Supports PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at).
 UL/cUL Listed (UL60950-1). CE Approved.



Pace1PTM

Pace1PTM
IP and PoE+ over Extended Distance CAT5e or UTP Transceiver
 Delivers IP video/data over CAT5e or higher up to 500m or UTP up to 152m @ 100Mbps.
 Supports PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at).
 UL/cUL Listed (UL60950-1). CE and C-Tick Approved.



Pace1PRM

IP and PoE+ over Extended Distance CAT5e or UTP Receiver

Specifications

Input

Powered by midspan or endspan.

Ethernet

Connectivity: RJ45, auto-crossover.

Wire type: 4-pair CAT5 or a single twisted pair UTP.

Distance:

CAT5e: up to 500m.

UTP (when paired with Pace1PTM only): 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)

3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm).

Weight (approx.)

Product Weight: 0.25 lbs. (0.11 kg).

Shipping Weight: 0.42 lbs. (0.19 kg).

Temperature

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

Storage: -40°C to 75°C (-40°F to 167°F).

Relative Humidity 85% +/-5%.

Operating Altitude: -304.8 to 2,000m.