

**PACE™**

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.

Overview

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. The 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 the Pace1PTM transceiver which in turn passes this power to an

Specifications

Agency Listings:

- UL/CUL Listed for Information Technology Equipment (UL 60950-1).
- CE approved.
- C-Tick compliant.

Input (Pace1PRM):

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

Ethernet:

- Connectivity: RJ45, auto-crossover.
- Wire type: 4-pair CAT5e or a single twisted pair UTP.
- Speed: 10/100BaseT, half/full duplex, auto negotiation. PoE compliant to IEEE 802.3af (15W) and PoE+ compliant to IEEE 802.3at (30W) delivered to camera by Pace1PTM. Power provided by Pace1PRM to Pace1PTM by PoE protocol.
- Throughput is rated to pass 100mbps of data.

UTP (Single Twisted Pair UTP):

- Distance: up to 152m @ 100mbps.

CAT5e or Higher:

- Distance: up to 500m @ 100mbps.

LED Indicators:

- Pace1PRM/Pace1PTM:
Green - PoE ON (by respective RJ45 jack).

LED Indicators (cont'd):

- Pace1PRM/Pace1PTM (RJ45 jack):
Yellow and Green LED IP Link status, 10/100Base-T/active.

Environmental:

- **Operating Temperature Pace1PRM/Pace1PTM:**
-4°F to 120.2°F (-20°C to +49°C).
- **Storage Temperature:**
-22° to 158°F (-30° to +70°C) Storage.
- Relative humidity: 20 to 85%, non-condensing.
- Operating Altitude: -1000 to 6,561.679 ft. (-304.8 to 2000m).

Functions:

- Auto detection and protection of legacy non-PoE cameras/devices.

Applications:

- Retrofit digital IP cameras in an analog CCTV CAT5e or UTP installations.
- Extend Network link distance in an industrial environment.
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras with proper head end equipment.

Mechanical:

- Dimensions (W x L x H approx.):
3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm).

Agency Approvals



UL/CUL Listed for Information Technology Equipment (UL 60950-1).



European Conformity



C-Tick Compliant Z1409