

**PACE**

passes the PoE(+) compliant power over the cable to the 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 the distances greater than 100m. They also provide a simple way to replace legacy analog products with new IP devices over structured cable.

Overview

Pace16PRM is a long range Ethernet receiver that transmits data at 100mbps full duplex and power via CAT5e or higher cable in a PoE(+) compliant format. The Pace16PRM receiver is powered via a PoE midspan, such as the Altronix Netway series, or by an endspan. The receiver

Specifications

Input:

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

Ethernet:

- Connectivity: sixteen (16) RJ45 ports, auto-crossover.
- Wire type: 4-pair CAT5e or 1 pair UTP structured cable.
- 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 Pace16PRM to Pace1PTM by PoE protocol.
- Throughput is rated to pass 100mbps of data at distances up to 450m. With proper headend equipment this supports Megapixel, HD720, HD1080.

CAT5e or Higher:

- Sixteen (16) RJ45 output ports.
- Distance: up to 500m @ 100mbps.

LED Indicators:

- Green (RJ45) IP Link status, 100Base-T/active.

Environmental:

- **Operating Temperature:**
-4°F to 120.2°F (-20°C to +49°C).
- **Storage Temperature:**
-22° to 158°F (-30° to +70°C).

Environmental (cont'd):

- 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:

- Extend Network link distance in an industrial environment.
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras.

Accessories:

Input (Power):

NetWay8M: Eight (8) port Managed Midspan.

NetWay16M: Sixteen (16) port Managed Midspan.

Transceiver:

- **Pace1PTM:** Single port ethernet/PoE transceiver.

Mechanical:

- Dimensions (H x W x D approx.):
1.625" x 19.125" x 8.5" (42mm x 486mm x 216mm)
- Product weight (approx.): 7.2 lbs. (3.27 kg).
- Shipping weight (approx.): 9.2 lbs. (4.17 kg).

Agency Approvals



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



European Conformity

Enclosure Dimensions (*H x W x D approximate*):
1.625" x 19.125" x 8.5" (42mm x 486mm x 216mm)

