Altronix®

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Pace1STR

IP and PoE+ over Extended Distance CAT5e Solution

Altronix Pace1STR is a long range Ethernet adapter kit that transmits data at 100Mbps full duplex and power via 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 Pace1ST mini 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.

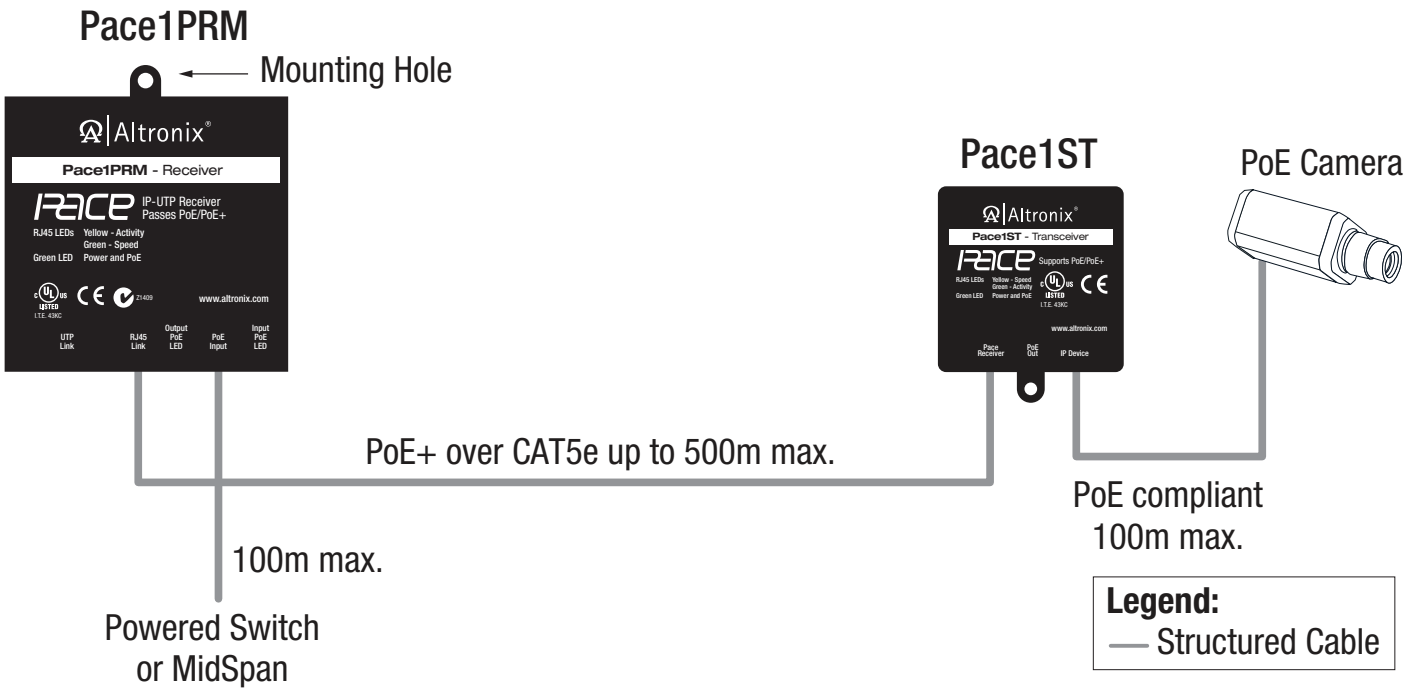
Pace1PRM

Pace1ST

Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W)
- Throughput is rated to pass 100Mbps at distances up to 500m
- 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 European Conformity
- Lifetime Warranty

Typical Application



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Specifications

Input

Pace1PRM:	Powered by midspan or endspan
Pace1ST:	Powered by Pace1PRM

Ethernet

Connectivity: RJ45, auto-crossover

Wire type: 4-pair CAT5 or better structured cable

Speed: 10/100BaseT, half/full duplex, auto negotiation

Distance: up to 500m

Throughput is rated to pass 100Mbps of data

With proper headend equipment multiple Megapixel cameras can be used

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

Physical and Environmental

Dimensions (W x L x H)

Enclosure (Pace1PRM):
3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm)

Enclosure (Pace1ST):
2.27" x 2.645" x 1.12" (57.66mm x 67.18mm x 28.44mm)

Shipping: 8" x 6" x 5" (203.2mm x 152.4mm x 127mm)

Weight (approx.)

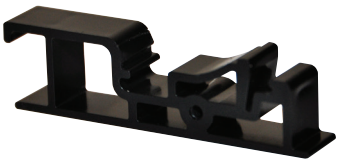
Product:	0.4 lb. (0.18 kg)
Shipping:	1 lb. (0.45 kg)

Temperature

Operating:		
Pace1PRM:		– 20ºC to 49ºC (– 4ºF to 120.2ºF)
Pace1ST:	15W:	– 40ºC to 75ºC (– 40ºF to 167ºF)
	25W:	– 40ºC to 49ºC (– 40ºF to 120ºF)
Storage:		– 40ºC to 75ºC (– 40º to 167ºF)

Relative Humidity	85% +/– 5%
Operating Altitude	– 304.8 to 2,000m

Accessories



DCL2 - **DIN Rail Mounting Clip**

Allows for easy installation of Altronix adapters utilizing screw mouting holes to mount on a standard DIN rail (Altronix Din Rail models D10, D12, D19, or D24).

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