

Pace1ST

IP and PoE+ over Extended Distance CAT5e Hardened Mini Transceiver

Description

Altronix Pace1ST is a long range Ethernet transceiver designed for use with Pace1PRM, Pace4PRM, Pace8PRM, and Pace16PRM receivers. They transmit data at 100Mbps full duplex and power via Cat5e or higher cable in a PoE(+) compliant format. Pace1ST will not deliver power to non-compliant devices, thus avoiding damage to improperly connected non-PoE cameras/devices. The receiver passes the PoE(+) compliant power over the cable to the 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.



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 Approved.
- Lifetime Warranty / Made in the U.S.A.

Compatible Receivers:



Pace PRM Series Receivers
Up to Sixteen (16) Port IP and PoE+ Receivers
 Transmit IP video/data over CAT5e up to 500m @ 100Mbps.
 Support PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at).
 UL/cUL Listed (UL60950-1). CE and C-Tick Approved.



Pace1ST

IP and PoE+ over Extended Distance CAT5e

Hardened Mini Transceiver

Specifications

Input

Powered by Pace receiver.

Ethernet

Connectivity: RJ45, auto-crossover.

Wire type: 4-pair CAT5 or better structured cable.

Distance: up to 500m.

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.

Physical and Environmental

Dimensions (W x L x H)

2.27" x 2.645" x 1.12" (57.7mm x 67.2mm x 28.4mm).

Weight (approx.):

Product Weight	0.22 lbs. (0.1 kg).
Shipping Weight	0.4 lbs. (0.18 kg).

Temperature

Operating:

For 15W:	-40°C to 75°C (-40°F to 167°F).
For 30W:	-40°C to 49°C (-40°F to 120°F).

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

Relative Humidity	85% +/-5%.
-------------------	------------

Operating Altitude:	-304.8 to 2,000m.
---------------------	-------------------