



PAS Network Range Extenders

Overview

IntraLAN SmartRoom Network Range Extenders are new generation couplers that for the first time will allow CAT5 wired network to extend past the 300-foot limit. The units can function as an integral part of either the LINKS or ULTRA SmartRoom or as a simple solution to extending any ethernet network.



About Panoptic Corporation

Panoptic Technology's focus is to develop and enhance technologies to meet the ever increasing demands of business both today and in the future. Panoptic Technology optimizes technology migration by developing solutions that maximize performance while minimizing startup or investment costs.

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Reach beyond standard network boundaries.

The IntraLAN PoE Network Extender is a standard 803.2af standard device that allows network installers to extend beyond the classic restrictions of a 300-foot network. The PoE-NE acts as a relay of the data received over the Ethernet connection, REGENERATING THE SIGNAL AT FULL STRENGTH onto the next Ethernet segment.



Additionally, the device is a innovative solution that conforms to the standard PoE protocols. Therefore it responds to the PoE signaling and acts as a powered device using that power to:

- Operate a micro-two port switch
- Relay out the Ethernet signal to the next segment
- Act as a 803.2af Power Source to provide standard 803.2af power onto the next segment

Daisy-chain to run nearly 1,000 feet!

Multiple PoE-NE devices can be put in line and daisy-chained several times. There are limits, as each micro-two port switch does utilize a small amount of power. Yet, the POE-NE does support standard PoE power levels, even after the second inline PoE-NE device. – Therefore, three devices can be sequenced giving a total distance of data on cat5 run of almost 1,000 FEET!