

Extricom™ Series EXRE-1000

PoE Gigabit Range Extender

The Allied Telesis Extricom EXRE-1000 Power Over Ethernet Gigabit (PoE) Range Extender is a unique product that doubles the standard range of PoE, from the baseline 100 meters to a full 200 meters, all while enabling full Gigabit speed.



Overview

The AT-EXRE-1000 can be used both as a standalone product, to extend the reach of PoE installations, and as a complement to Extricom Series award-winning Wireless LAN (WLAN) System.

When used in WLAN implementations, the AT-EXRE-1000 enables any Extricom UltraThin™ Access Point (AP) to be connected using standard Cat5e/6 cable up to 200 meters from the Extricom WLAN switch. Continuing the Extricom Series tradition of deployment simplicity, the AT-EXRE-1000 PoE Range Extender sits in-line on the Ethernet cable and does not require an external power feed. The Range Extender receives its power from the original PoE injector in the switch or from a PoE injector/power supply, while it simultaneously injects PoE to the extended cable segment.

Specifications

Standards

Ethernet IEEE 802.3x, full/half duplex

Interfaces

LAN 2 x 100/1000 BaseT Ethernet with IEEE 802.3af PoE (out of band, 8 wires)

Regulatory Compliance (in-process/planned)

Safety IEC 60950-1
EMC FCC Part 15 sub part B
EN 300386
VCCI Tech. Req., V-3/2001.04

Physical Specifications

Dimensions (W x H x D) 161 mm x 38 mm x 107 mm
(6.3 in x 1.5 in x 4.2 in)
Weight 0.25 kg (0.55 lbs)
Installation options Built-in mount holes on each side
LEDs 2 x LAN
1 x Power
Power Consumption 1.5 Watts

Environmental

Operating temperature -5°C to 45°C (23°F to 113°F)
Operating humidity 0% to 95%, non-condensing
Storage temperature -20°C to 70°C (-4°F to 158°F)
Storage humidity 0% to 90%, non-condensing

Key Features

Double the Range of Power Over Ethernet

- ▶ The AT-EXRE-1000 doubles the standard range of PoE, from 100 to 200 meters.

No Power Supply Needed

- ▶ The Range Extender is powered by the incoming PoE, enabling simple in-line installation. It uses the incoming PoE to then inject a re-energized signal to the line.

Gigabit Ethernet

- ▶ Full Gigabit Ethernet speed.

Ordering Information

AT-EXRE-1000

Power over Ethernet (PoE) Range Extender for 100/1000Mbps