EXRE-1000 Power Over Ethernet Gigabit Range Extender

Overview

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

When used in WLAN implementations, the EXRE-1000 enables any Extricom UltraThin   Access Point to be connected using standard Cat5e/6 cable up to 200 meters from the Extricom WLAN Switch. Continuing Extricom s tradition of deployment simplicity, the 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.

Features and Benefits

Double the Range of Power Over Ethernet	The 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

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

Miscellaneous	
Ordering Information	EXRE-1000 PoE Range Extender

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

Environmental	
Operational	Temperature: 0 C to 45 C (32 F to 113 F) Humidity: 0% to 90%, non-condensing
Storage	Temperature: - 20 C to +70 C (-4 F to 158 F) Humidity: 0% to 90%, non-condensing

* Information is subject to change without prior notice.

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