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EXRE-10

EXRE-10 Power Over Ethernet Range Extender

Overview

The EXRE-10 Power Over Ethernet (PoE) Range Extender is a unique product that doubles the standard range of PoE, from the baseline 100 meters to a full 200 meters. 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 Interference-Free™ Wireless LAN (WLAN) System.

When used in WLAN implementations, the EXRE-10 enables Extricom UltraThin™ Access Points 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-10 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-10 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.
Bi-Directional	Both ports on the EXRE-10 can serve as input and output.

PoE Range Extender Specifications

Standards	
Ethernet	IEEE 802.3x, 100 BaseT full/half duplex

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

Regulations & Approvals	
Safety	UL 60950-1
	EN 60950-1
	IEC 60950-1
EMC	FCC part 15 Sub part B
	EN 300386
	VCCI Tech.Req., V-3/2001.04

Miscellaneous		
Ordering Information	EXRE-10 PoE Range Extender	
Optional Accessories	Wall Mounting Plate (part number: CAS3100103)	

Physical Properties		
Installation options	Horizontal – Shelf Vertical – Wall Mount	
Dimensions (W x H x D)	110 x 20 x 75mm	4.4 x 0.8 x 3"
Weight	0.2 kg	0.5 lbs
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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