



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 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, full/half duplex
Interfaces	
LAN	2 x 100 BaseT Ethernet with IEEE 802.3af PoE (out of band, 8 wires)
Regulations & Approvals	
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.

