



EXMC-1000 Media Converter

Overview

The EXMC-1000 Media Converter allows users to extend the size of their WLAN with the use of fiber cabling. The EXMC-1000 functions as a GbE range extender, providing fiber connectivity to Extricom access points and Extricom WLAN switches at distances of up to 700 meters*. The EXMC-1000 can be simply installed in any implementation and is connected to the WLAN switch or AP with Cat-5e/6 cable through a standard RJ45 port.

The EXMC-1000 provides an extended level of deployment flexibility for large-scale Channel Blanket deployments, as it does not need the extensive power infrastructure that fibre deployments often require. The switch-side media converter is powered via PoE from the WLAN switch or optional external power supply; the AP-side media converter is powered via external power supply and provides PoE to the AP**. Effectively, a 700-meter fibre run to an AP will require only a single power supply.

The EXMC-1000 epitomizes the strengths of an Extricom solution – robust simplicity and durability throughout the lifetime of the product.

* If switch and AP are GbE enabled.

** Extricom offers optional external power adapters for the United Kingdom, the EXPA-3P48, and for the United States, the EXPA-2P48.

Features and Benefits

Increased Range	Extends reach of Extricom WLAN to 700 meters
Simple Install	Connectivity via Cat-5e/6 cable and integrated SFP
Deployment Flexibility	Requires only one power supply, greatly simplifying power infrastructure planning

Specifications

Standards	
Ethernet	IEEE 802.3x, full/half duplex
Interfaces	
Switch Side	RJ45 port SFP port
AP Side	RJ45 port SFP port 48VDC
Regulatory Compliance (in-process/planned)	
Safety	IEC 60950-1
EMC	FCC Part 15 class B EN 300386 VCCI Technical Requirements, V-3/2001.04
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
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	Switch side: POE Link 100/1000 AP side: Link 100/1000
Power Consumption	Typical Power Consumption :3.9W Max Power Consumption: 4.2W 48V PoE current consumption - 95mA (measured with 100m cable)
Miscellaneous	
Ordering Information	EXMC-1000 Media Converter
Optional Accessories	EXPA-3P48 AC/DC power adapter EXPA-2P48 (US power adapter)

Note: Information is subject to change without prior notice.