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LANCOM PoE++ 10G Injector

Power supply for access points via PoE incl. 10G support

With the LANCOM PoE++ 10G Injector, you benefit from the advantages of a PoE-capable infrastructure, such as high flexibility and cost efficiency, without sacrificing 10G transmission speeds. Even without a PoE-capable switch, powerful (Wi-Fi 7) access points can be reliably supplied with power thanks to support of the PoE standard IEEE 802.3bt (PoE++) and 10 Gbps. Backwards compatibility with IEEE 802.3at (PoE+) and IEEE 802.3af (PoE) as well as multi-Gigabit support (1G / 2.5G / 5G / 10G) ensures flexible use in all network infrastructures. The LANCOM PoE++ 10G Injector can be placed up to 100 meters from the access points to provide ideal coverage even in hard-to-reach wireless areas.

- → 1-port PoE injector with multi-Gigabit Ethernet support and support of link speeds of up to 10 Gbps
- → Supports the PoE standard IEEE 802.3af/at/bt up to 65W
- → Power supply through up to 100m of Ethernet cable
- → Easy plug & play installation

LANCOM PoE++ 10G Injector

10 Gigabit Ethernet support, especially for powerful Wi-Fi 7 access points

With multi-Gigabit Ethernet and speeds of up to 10 Gbps, the LANCOM PoE++ 10G Injector reliably supplies access points with power, even if they are connected to a switch without PoE capability. This means that end devices can use the full network performance without any loss of performance, even at locations without a direct power connection.

Full power thanks to PoE, PoE+, and PoE++

As it supports the PoE standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt (PoE++), the Injector is the optimal choice for powering all of your LANCOM access points by means of Power over Ethernet. Even high-performance products operate without performance loss.

High output power

With power supplied as per IEEE 802.3af/at/bt with a guaranteed power output of 65W over up to 100m, the LANCOM PoE++ 10G Injector gives you the flexibility to position your access points for perfect signal coverage.

Integrated power supply unit

Thanks to the power supply unit integrated into the LANCOM PoE++ 10G Injector, the IEC connector supplied with it is the only additional component you need—a space-saving solution.

Plug & play

The Injector works with a convenient plug & play installation for quick and easy integration into the network. Simply connect the LANCOM PoE++ 10G Injector between the switch and the access point and use the power cord to supply electricity.

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Interfaces	
LAN	10/100/1000/2500/5000/10000 Mbit/s, PoE compliant with IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt (up to 65W)
Hardware	
AC Input Voltage anf AC Frequency	100 to 240 V AC, 50 to 60 Hz
Output Voltage	56 V DC
Output power	up to 65W
Indicators System Indicator	two LEDs showing operation condition
Connectors	Shielded RJ-45, EIA 568A and 568B
Environment	Operating Ambient Temperature: -10°C - 40°C; Storage Temperature: -25°C - +65°C; Humidity max. 90%, non-condensing
Protections	Overvoltage, Overload/Overcurrent, Over Temperature, Short Circuit (all with Auto-Recovery)
Efficiency	88% (115VAC/60Hz), >89% (230VAC/50Hz)
Declarations of conformity*	
*) Note	The full text of the specific Declaration of Conformity is available at the following Internet address: www.lancom-systems.com/doc
Safety Approvals	UL, CE, CCC, EN 62368, DoE VI, CoC tier II
Scope of delivery	
Manual	Printed Installation Guide (DE/EN)
Cable	IEC power cord
Support	
Warranty	2 years Support
Item number(s)	
LANCOM PoE++ 10G Injector (EU)	61839

LANCOM Systems GmbH
A Rohde & Schwarz Company
Adenauerstr. 20/B2
52146 Wuerselen | Germany
info@lancom.de | www.lancom-systems.com