

LANCOM PoE++ Injector

PoE injector for powering LANCOM access points with Power over Ethernet



The LANCOM PoE++ Injector is impressive in terms of flexibility and performance: The ability to provide power up to 100m away from the access point allows flexible positioning of the access points for perfect radio field coverage. The power supply is based on the PoE standards IEEE 802.3af (PoE), IEEE 802.3at (PoE+), and IEEE 802.3bt (PoE++), allowing high-performance devices to be connected without any loss of performance. A cost-effective solution for companies that want to make their network PoE-enabled.

- 1-port PoE injector with multi-Gigabit Ethernet support
- Supports the PoE standard IEEE 802.3af/at/bt
- Power supply through up to 100m of Ethernet cable
- Support of link speeds of up to 5 Gbps
- Easy plug & play installation

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Multi-Gigabit Ethernet support

Even where a PoE-enabled switch is not in use, access points are reliably powered by the LANCOM PoE++ Injector thanks to multi-Gigabit Ethernet (up to 5 Gbps). Access points that are far away from a regular power outlet continue to offer full performance without loss.

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++ 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++ 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++ 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 Mbit/s, PoE compliant with IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt (up to 65W)

Hardware

AC Input Voltage and 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 GE PoE++ Injector (EU) 61779