LANCOM PoE++ Injector

Mounting Instructions

The LANCOM PoE++ Injector operates as a compact 1-port PoE injector according to the PoE standards IEEE 802.3bt (up to 65 W), 802.3at, and 802.3af. It supports link speeds of up to 5 Gbps and is suitable for powering PoE devices over a standard-compliant CAT-5e Ethernet cable (or better) for distances of up to 100m. Further technical details can be found in the product data sheet on www.lancom.de.

ⓘ When supplying power to PoE devices in outdoor areas (e.g. LANCOM outdoor access points), lightning or surge protection LANCOM SN-LAN may have to be installed.

Connectors and LEDs of the LANCOM PoE++ Injector

Below you will find an illustration of the connections of the LANCOM PoE++ Injector. On one side of the device you will find the connector for the supplied power cable ❶. On the other side are the two RJ45 sockets for connecting the LAN cables (❷ and ❸), and two LEDs on the top of the device (❹ and ❺) to display the device status.

❶ Connection for power cable

❷ Ethernet socket for connecting the PoE device

❸ Ethernet socket for connection to the LAN

❹ PWR LED (green): The PoE++ Injector is supplied with mains voltage and feeds the connected PoE device.

❺ PoE LED (green): The connected PoE device supports PoE according to the IEEE 802.3af, -at or -bt standard.

❷ OUT: Ethernet socket for connecting the PoE device

❸ IN: Ethernet socket for connection to the LAN

Assembly and connection

The LANCOM PoE++ Injector can be optionally wall-mounted using the fastening brackets.

⚠ Do not cover the housing of the LANCOM PoE++ Injector and ensure sufficient ventilation to prevent the device from overheating.

Connect the LANCOM PoE++ Injector to a suitable power outlet (100-240 V/AC) using the supplied power cable. Connect the PoE++ Injector's IN jack to an available port on a switch using a CAT-5e Ethernet cable (or better). Connect the OUT jack of the PoE++ Injector to the network device to be powered by PoE (PoE device) using a CAT-5e Ethernet cable (or better).

⚡ Do not use a 'cross-over cable' to connect the PoE++ Injector to the PoE device, as these cables use an unsuitable pin-out. Note that the maximum distance of 100 m for the Ethernet connection between the PoE++ Injector and PoE device is 100 m. The network signal is not amplified by the PoE++ Injector.

www.lancom-systems.com

LANCOM Systems