

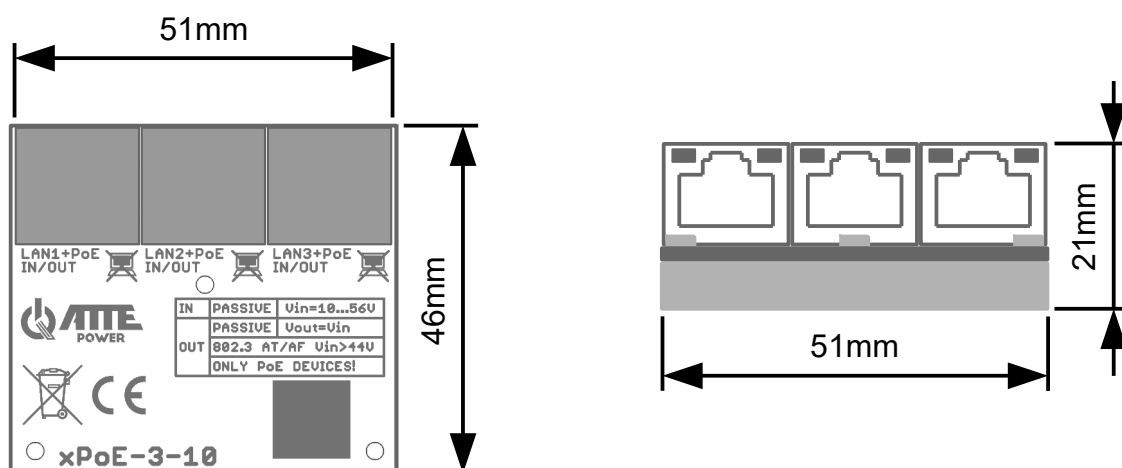
xPoE-3-10

Switch PoE 3 ports extender 10/100Mbps

INSTRUCTION MANUAL

xPoE-3-10 is an unmanaged PoE network switch operating as a LAN network extender (repeater) and PoE power supply. The device regenerates the network signal and transfers the PoE power supply to selected outputs. Most often used as an amplifier for extending the network on sections longer than 100m. In addition, it is ideally suited as an active splitter in situations where on one UTP cable we need to run several PoE receivers (e.g. IP cameras), or when an additional network branch is necessary.

Unmanaged PoE switches xPoE series are designed to operate with IP cameras and other network devices powered in the PoE 802.3at / af and PoE PASSIVE standard. The housing in the HS version is a solution that provides insulation and small dimensions of the device. This allows easy installation of the device in limited space.



General view of the device

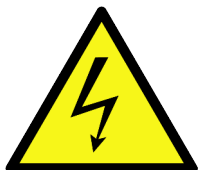
Technical Specification

LAN Ports	3 ports RJ45 10/100Mbps (auto MDI-MDIX, autonegotiation)
Ports Functions	LAN 1 ... LAN 3: PoE OUTPUT (switch power supply): PASSIVE (up to 70W @55V) PoE PINS: 4,5 (V+) 7,8 (V-)
Power Supply Voltage	PoE OUTPUT (PoE powered devices): PASSIVE (up to 70W), 802.3af (up to 15,4W), 802.3at (up to 30W) PoE PINS: 4,5 (V+) 7,8 (V-)
Output Voltage	10 ... 56 VDC (Vin) Vout = Vin
Power consumption	CAUTION! For 802.3at/af PoE powered devices Vin > 44VDC
Ports Protection	0,8 W LAN 1 ... LAN 3: Overvoltage protection
Indication	LEDs in RJ45 connectors: LAN 1 ... LAN 3 (YELLOW) - LAN 1 ... LAN 3 PoE power LAN 1 ... LAN 3 (GREEN) - LAN 1 ... LAN 3 link and transmission
Housing Construction	Polycarbonate
Operating Temperature	-25°C...+65°C
Ingress Protection Rating	IP20
Dimensions	51 x 47 x 21 mm
Weight	0,035kg

Safety Precautions

- The installation and wiring must be performed by a competent engineer. For permanently connected equipment, a readily accessible disconnect device must be incorporated in the fixed wiring. The device must be connected to the mains supply 230 VAC 50 Hz via a specified fused connection outlet.
- Despite the fact that the enclosure of the device has a high degree of protection, it is recommended that the device should be mounted in places protected from direct influence of atmospheric factors, in particular against rain and direct sunlight.
- Since the power supply does not have a switch to isolate the mains supply, the installer is responsible for notifying the user of the means of isolating the mains supply from the device.
- When replacing fuses, use original or compatible types. The exact parameters of the fuses can be found on the inside of the device cover.

WARNING



Before installation and during maintenance make sure that the mains voltage 230VAC is disconnected

Installation

- Mount the device in the selected location.
- Connect PoE power supply line for port LAN+PoE IN.
- Connect UTP cables leading to IP devices (LAN+PoE OUT).

Operation Indication

- LED in LAN connector (yellow) – PoE power on specified port LAN 1 ... LAN 3
- LED in LAN connector (green) – transmission on specified port LAN 1 ... LAN 3

WEEE MARKING



This symbol on the product or on its packaging indicates that the product must not be disposed of with normal household waste. Instead such equipment must be disposed of by arranging to return it to a designated collection point for the recycling of waste electrical and electronic equipment.

