

4-port PoE switch 10/100Mbps – LAN + PoE extender

1xPoE IN 802.3at/af/bt60 + 3xPoE OUT 802.3at/af

APT-4-11 is an unmanaged PoE network switch working as an extender (repeater) of the LAN network and PoE power supply. Most often used as an "active splitter" in situations when we need to run several network devices (e.g. several IP cameras) on one UTP cable or when an additional network branch is necessary.

It is designed to work with any network devices, IP cameras and other devices powered by the PoE 802.3 at/af standard. The APT (Atte Power Tree) series devices provide compatibility with the IEEE 802.3 at/af/bt standards as PoE power receivers and IEEE 802.3 at/af on all output ports. After connecting the device to ports 2-4, the receiver is identified and if it is a PoE-powered device, power will be turned on in the port.

The device has a very small size, which allows for easy installation in small spaces.

The APT (Atte Power Tree) product series allows you to connect system elements in a tree topology. APT devices can be powered directly from PoE. Power transmitted over a single UTP cable allows you to power several IP cameras.



FEATURES

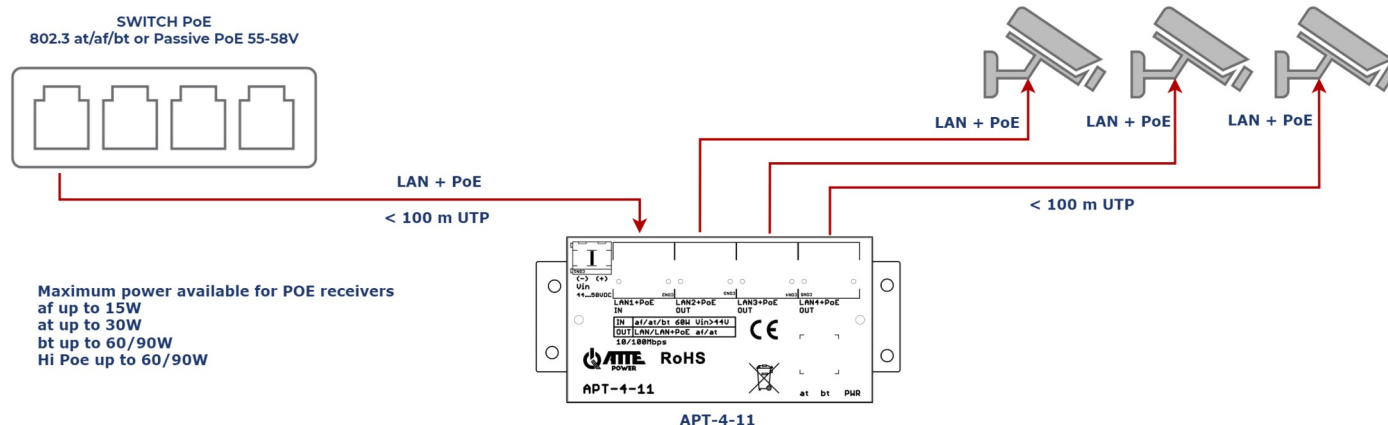
- miniature design
- powered from another PoE switch in 802.3at, 802.3af, 802.3bt60 or Passive (PoE IN port)
- power supply for up to 3 PoE 802.3at/af receivers
- up to 60W total power
- possibility of cascading power (one xPoE supplies the next)
- easy and quick commissioning without configuring parameters
- very low power consumption (< 0.3 W)
- sequential start of PoE outputs

TECHNICAL SPECIFICATION

LAN Ports	4 RJ45 Ports 10/100Mbps (auto MDI-MDIX, auto-negotiation)
PoE IN	LAN 1 PoE 802.3af/at/bt60, PoE Passive
PoE OUT	LAN 2 ... LAN 4 PoE 802.3af/at
PoE (at/af/bt) Selection	LAN1 (PoE IN): automatic
Input Voltage	LAN1 44 ... 58 VDC (Vin)
Output Voltage	Vout = Vin
Power consumption	0,3 W
Ports Protection	LAN 1 ... LAN 4: Surge protection
	LAN 2 ... LAN 4 Overload protection 0,7 A

Indication	LED PWR – power LAN 1 ... LAN 4 (green) - link and data transmission LAN 2 ... LAN 4 (yellow) - PoE power LED at - identification as a 30W PoE receiver LED bt - identification as a 60W PoE receiver
Housing Construction	Universal mounting base
Operating Temperature	-25 ... +65°C
Ingress Protection Rating	IP20
Dimensions	78(93) x 42 x 21 mm
Weight	0,044kg

Basic application example of APT-4-11 as LAN+PoE extender for 3 PoE IP cameras



Example of use of APT-4-11 as LAN+PoE extender for 6 PoE 5W IP cameras

