

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

1xPoE IN 802.3at/af/bt60 + 3xPoE OUT 802.3at/af
in outdoor enclosure IP68

APT-4-11-CA1 is a PoE network switch that can work as a LAN extender (repeater) and PoE power supply. It is most often used in situations where we need to run several network devices (e.g., several IP cameras) on a single UTP cable or when an additional network branch is necessary.

The device is mounted in an ABOX-CA1 external enclosure with IP68 protection rating.

Device allows us to power up to 3 PoE receivers using a single UTP cable. In situations where it is not possible to install a new cable or where doing so would involve additional costs, the PoE switch allows us to use the existing cabling.

The built-in LR150 (Long Range 150m) function allows for stable operation of all ports up to 150 meters UTP at a speed of 100Mbps and PoE power supply. This will enable the installation of cameras without the use of an additional intermediate extender for distances over 100m.



FEATURES

- can be powered from another PoE switch in the 802.3af, 802.3at, 802.3bt, or PoE Passive standard (PoE IN port)
- amplifies and distributes the network signal (fully functional 100Mbps switch)
- cascade power supply (one switch powers the next)
- can power up to 3 PoE 802.3af/at receivers
- up to 60W total power when powered by UTP
- high IP protection rating (IP68)
- built-in LR150 function increases the maximum transmission distance to 150 meters
- easy and quick start-up without the need to configure parameters
- wide operating temperature range (-25°C...+65°C)



APT-4-11-CA1

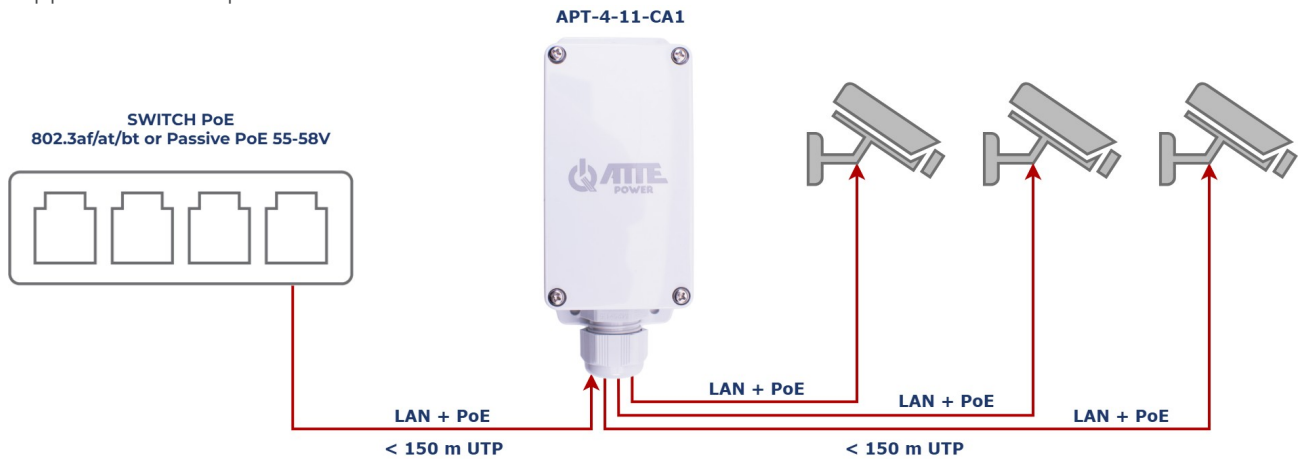


TECHNICAL SPECIFICATION

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
Input Voltage	PoE IN (LAN 1): 44 ... 58 VDC DC IN (Vin): 44 ... 58 VDC
Output Voltage	Vout = Vin
Power consumption	1,2 W
Ports Protection	LAN 1 ... LAN 4: Surge protection LAN 2 ... LAN 4 Overload protection 0,7A
Indication	LED PWR (red) - power supply LED L1 ... L4 (green) - transmission on LAN ports 1 ... LAN 4 LED in RJ45 ports (red) - PoE power supply in the port LED at (red) - identification as a 30W PoE receiver LED bt (red) - identification as a 60W PoE receiver

Housing Construction	ABOX-CA1 enclosure Enclosure material - synthetic material, light gray color UV resistant Installed cable glands 1 x M25 Cable gland insert: 4 holes, each with a diameter of 5 mm (5Ø)
Assembly	Wall-mounted through mounting holes
Operating Temperature	-25°C...+65°C
Ingress Protection Rating	IP68
Dimensions	165 x 65 x 55 mm
Weight	0,213 kg

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

