



ALLNET

ALL048900V2

Power over Ethernet Gigabit Injector / Smart Plug and Play / IEEE802.3af/at++ 90 Watt

- support IEEE802.3, IEEE802.3u, IEEE802.ab, IEEE802.3af, IEEE802.3at and LT PoE 90W
- 1 Port 10/100/1000 Base-T (Data) for connection to a switch, and 1 Port 10/100/1000 Base-T (Power/Data) for connection to a PoE Device (PD)
- Automatic detection of whether the connected device is PoE capable

Article: 112270

Note: Product specification is subject to change without notice.

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With the ALLNET ALL048900V2 High Power PoE Injector you install your PoE-enabled IP devices such as wireless access points, VoIP phones and much more totally independent of existing electrical outlets.

So can choose the best locations for example WLAN Access Points Installations in a building regarding the wireless technology, without having to worry about Power cabling.

Non-PoE switches can be efficiently „upgraded“ with Power over Ethernet, especially when you only need a few ports with PoE power supply. Here the ALL048900V2 saves the expensive purchase of a PoE switch.

The ALLNET ALL048900V2 supports the **IEEE802.3af Standard with a power of 15,4 Watt**,
The **IEEE802.3at High Power Standard with 30 Watt** and the **LT PoE with 90 Watt Power**.

The ALL048900V2 must not be configured. It has an RJ45 jack and an RJ-45 output connector, which are connected to this switch and the end device to the PoE injector. The cable length can here, as usual in Ethernet, up to 100 meters between the switch and terminal in total.

The compact design and the metal case of the ALLNET ALL048900V2 can be very inconspicuous installed and is extremely robust.

Item	Specification
Standards:	IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet enhancements LT PoE 90W IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT
Ethernet Ports:	1x RJ45 10/100/1000Mbps for connection to passive switch or hub 1x RJ45 10/100/1000Mbps for connection to PoE device
LED Indicators:	Power / PoE Act / Status
Power Input:	44~57V
Power consumption:	System: 5W (Max.) LT PoE+: up to 90W
Attached Power Adapter:	Input: 100~240VAC Output: 56VDC/2A, 70W (Max.)
Case:	Metal case, wall-mountable
Dimension:	Length/Width/Height: 102 x 75 x 23 mm
Weight:	0.28 kg (only device)
Environment:	Temperature operating: 0 ~ 40 °C Humidity operating: 10% ~ 90% (non-condensing) Temperature storage: -25 ~ 90 °C
Marking:	FCC Class A, CE



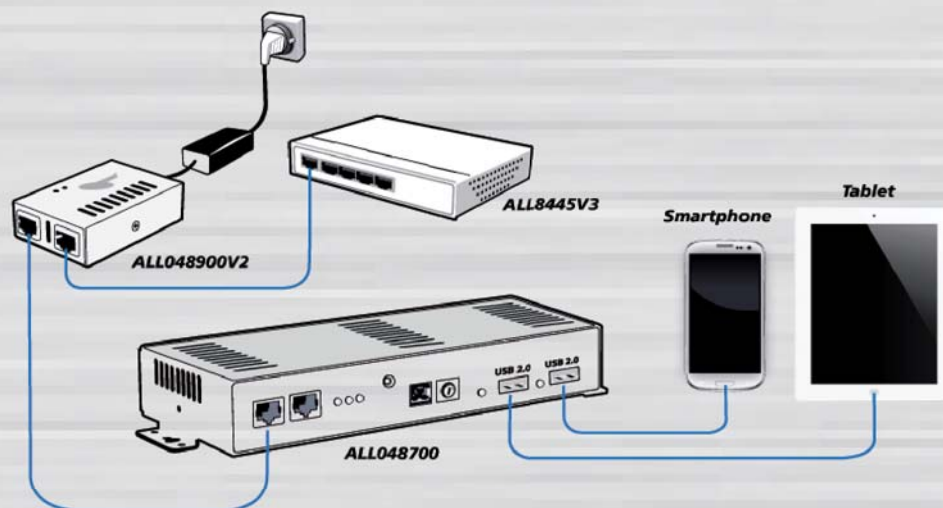
Overview of supported PoE standards and cable assignment

The ALL048900V2 supports various PoE devices. The devices are scanned by the injector and will be automatically provided with the correct power.

The table shows an overview of all supported standards and power levels.

PoE Standard	Signatur	Paar 1+2	Paar 3+6	Paar 4+5	Paar 7+8	Leistung
IEEE802.3af	25kOhm	X	X			15W
IEEE802.3af	25kOhm			X	X	15W
IEEE802.3at	25kOhm	X	X			30W
IEEE802.3at	25kOhm			X	X	30W
IEEE802.3af	25kOhm	X	X	X	X	15W
IEEE802.3at	25kOhm	X	X	X	X	30W
LTPoE						
LTPoE++	25kOhm	X	X	X	X	45-90W
LTPoE++	25kOhm	X	X			60W
LTPoE++	25kOhm			X	X	60W
2x LTPoE++	2x 25kOhm	X	X	X	X	Max. 90W
LTPoE++	12kOhm	X	X	X	X	
Non-Standard						
2x IEEE802.3at	2x 25kOhm	X	X	X	X	2x 30W
IEEE802.3at	12kOhm	X	X	X	X	60W
IEEE802.3at	12kOhm	X	X			30W
IEEE802.3at	12kOhm			X	X	30W
2x IEEE802.3af	2x 25kOhm	X	X	X	X	2x 15W
IEEE802.3af	12kOhm	X	X	X	X	30W
IEEE802.3af	12kOhm	X	X			15W
IEEE802.3af	12kOhm			X	X	15W

Application example:



Accessories:	
ALL048700	ALLNET PoE Splitter/Extractor LTPoE 90W 10-25V switchable ALL048700
ALL048701	ALLNET PoE Splitter-Mini/Extractor LTPoE 60W 5-14V switchable ALL048701
ALL048600	ALLNET PoE repeater gigabit AT++/LTPoE 90W ALL048600
ALL048605PD	ALLNET switch unmanaged 4 port gigabit LT-PoE 90W 1 port gigabit PD, fanless, ALL048605PD