



ALL0488V6

PoE-Injector



User Manual

1. Overview

1.1 Product Description

The ALL0488V6 is fully compliant with IEEE802.3at standard. It delivers up to 30W output power. By using this device, both data and electrical power can be simultaneously delivered through a single CAT.5 (or better) ethernet cable.

1.2 Features

- complies with IEEE802.3, IEEE802.3u, IEEE802.3ab and IEEE802.3at
- 2* RJ-45 Ports 10/100/1000 Mbits
- Plug&Play Installation
- delivers both data and electrical power using a single ethernet cable
- Green-IT, low power consumption
- over-voltage/current/load protection
- compact size
- delivers data up to 100 meters

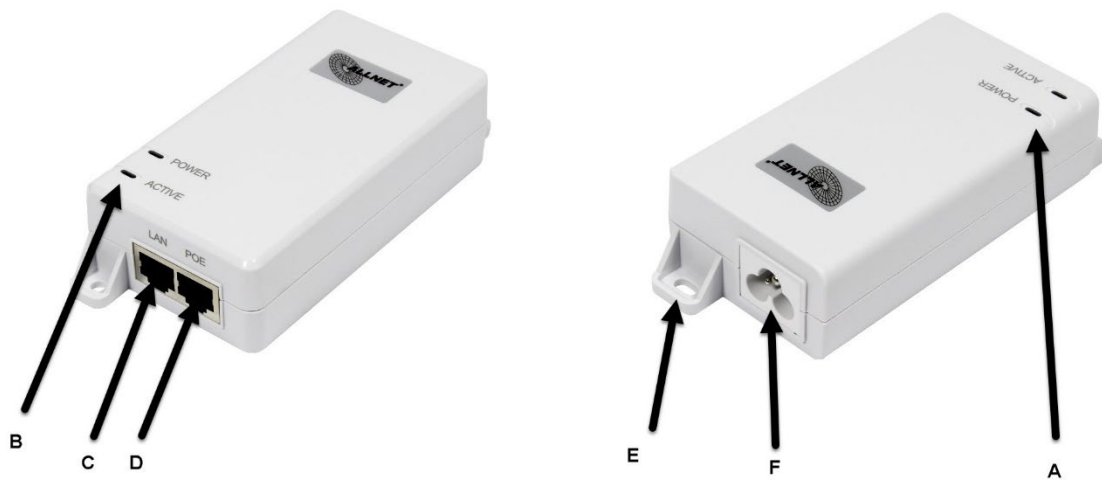
1.3 Package Content

- 1x ALL0488V6
- 1x IEC-C5 Power cord
- 1x User Manual

1.4 Environmental Requirement

- To avoid potential short circuit or malfunction, do not expose the adapter to heat, humidity, vibration or dust.
- Keep the device at least 30 cm away from heat sources.
- Make sure the cable connected to the PoE-Device does not exceed 100 meters in length for better performance. (total cable length, Uplink to Injector + Injector to Device)

1.5 The device



A	POWER LED	lights up green as soon as the ALL0488V6 is supplied with power
B	ACTIVE	Lights up green as soon as the ALL0488v6 supplies an end device with PoE
C	DATA IN	Connect this port to your network or PC
D	PoE	Connect your PoE end devices to be supplied to this port
E	Mounting	Via these two eyelets you can mount the ALL0488v6 mount on a wall/plate
F	Power connection	Connect the supplied IEC 320-C5 (Mickey) cable here

2. Installation

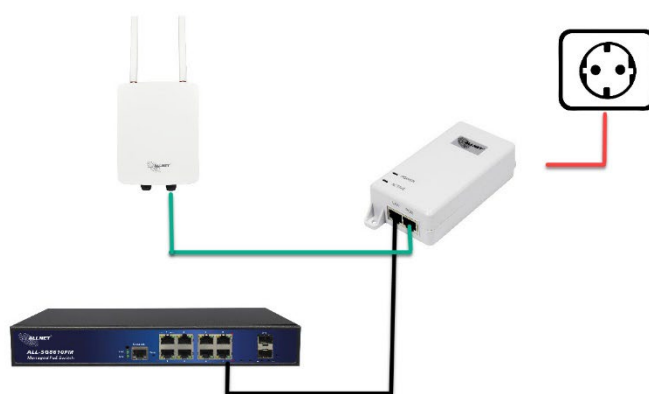
Use the supplied power cable to connect the ALL0488v6 to a power outlet.



Connect the "LAN IN" port of the ALL0488v6 to the network/switch.



Connect the PoE device to the "PoE" port.



3. Technical specifications

Element	Spezifikation
Standards:	<ul style="list-style-type: none"> • IEEE802.3 10Base-T Ethernet • IEEE802.3u 100Base-Tx Fast Ethernet • IEEE802.3ab 1000Base-T Gigabit Ethernet • Support terminal equipment with IEEE802.3af/at, PoE++ • RoHS Compliance • WEEE Compliance
Ethernet Ports:	<ul style="list-style-type: none"> • 1x RJ45 10/100/1000 Mbps for connection to switch or hub • 1x RJ45 10/100/1000 for connection to PoE end device
PoE Output:	PoE IEEE802.11af/at, Power pins: 4/5(+) 7/8(-)
Power supply:	100 - 240VAC, internal power supply / Output: 55V/550mA incl. connection cable earth contact on IEC320-C5 "Kleeblatt/Micky-Mouse" approx. 80cm length
Power consumption:	30 Watt maximum with connected PoE end device
AC Surge Protection:	<ul style="list-style-type: none"> • 1.0KV (5P/5N) • L-N 1.2/50 (8/20) Tr/Th us • 2.0KV (5P/5N) • L-PE 1.2/50 (8/20) Tr/Th us • N -PE
Housing:	Plastic housing
Mounting:	Wall-mounted
Dimensions:	length/width/height: 140 x 63 x 33 mm
Environment:	Operating Temperature: 0 ~ 40 °C Operating Humidity 10% ~ 90% (non-condensing) Storage Temperature: -20 ~ 90 °C Storage Humidity: 10% ~ 90% (non-condensing)
EMI:	<ul style="list-style-type: none"> • FCC CFR47 Part 15 • EN55024 • EN55032
EMS:	<ul style="list-style-type: none"> • IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air) • IEC61000-4-3(RS) 10V/m(80MHz~2GHz) • IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV • IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM • IEC61000-4-6(CS) 10V(150kHz~80MHz)
Immunity:	<ul style="list-style-type: none"> • IEC60068-2-6(Vibration) • IEC60068-2-27(Impact) • IEC60068-2-32(Free Fall)
Marks:	CE; FCC

ALLNET GmbH Computersysteme declares that the device **ALL0488v6** is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. The Declaration of conformity can be found under this link: <http://ce.allnet.de>

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CE Marking is the symbol as shown on the top of this page. The letters "CE" are the abbreviation of French phrase "Conformity European" which literally means "European Conformity". The term initially used was "EC Mark" and it was officially replaced by "CE Marking" in the Directive 93/68/EEC in 1993. "CE Marking" is now used in all EU official documents.



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

This recycle logo indicates that this product is capable of being recycled, not that the product has been recycled or will be accepted in all recycling collection systems.



The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment. This [RoHS compliant](#) symbol indicates the component is [tested](#) for the presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE). For Cadmium and Hexavalent chromium, there must be less than 0.01% of the substance by weight at raw homogeneous materials level. For Lead, PBB, and PBDE, there must be no more than 0.1% of the material, when calculated by weight at raw homogeneous materials. Any RoHS compliant component must have 100 ppm or less of mercury and the mercury must not have been intentionally added to the component.



Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.
- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.
- Do not expose your device to dust or corrosive liquids.
- Do not use this product near water sources.
- Make sure to connect the cables to the correct ports.
- Do not obstruct the ventilation slots on the device.