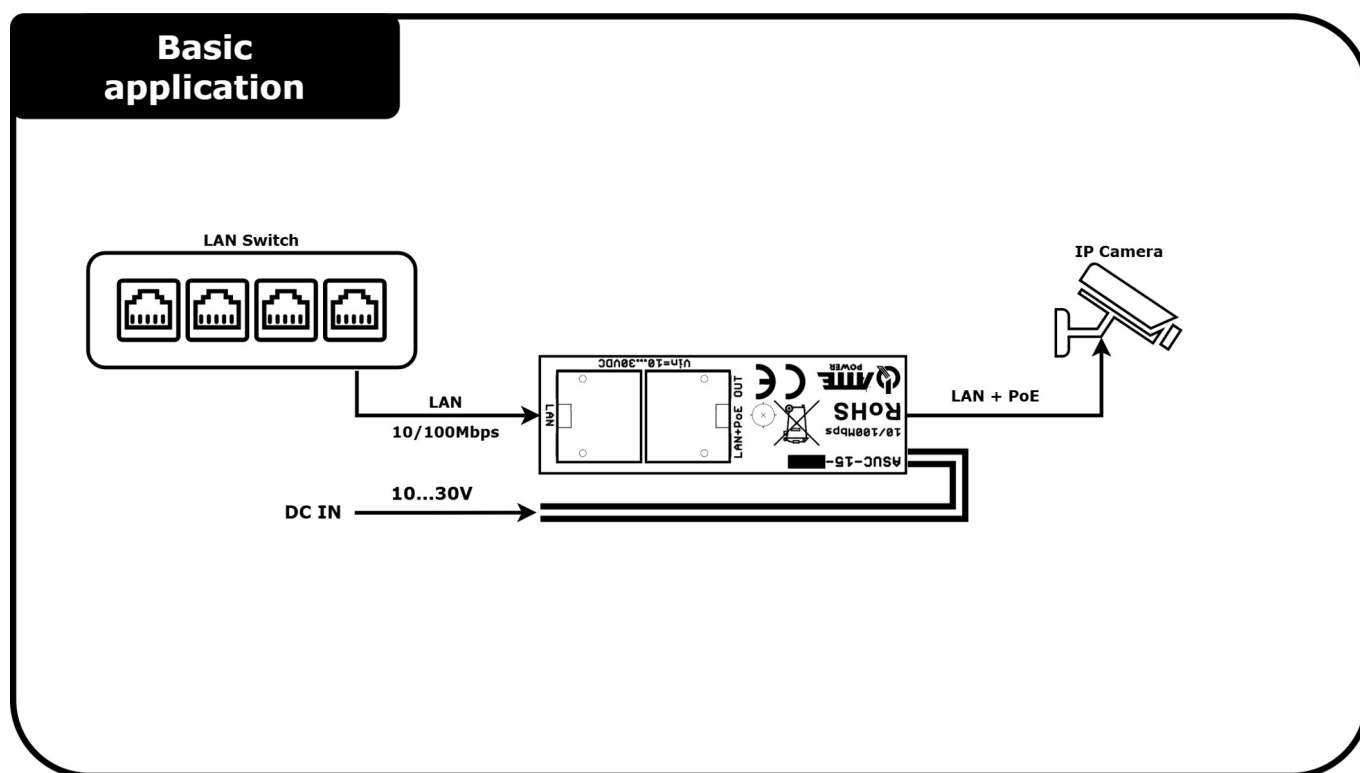


- **LED** in RJ45 connector (yellow) – power presence and PoE voltage at the port

Instruction manual

ASUC-15-482

Passive PoE adapter that steps up voltage to 48V, 15W



Description

ASUC-15-482 is a PoE adapter with a step-up converter. The device converts an input voltage of 10...30 VDC to 48 VDC and injects it into the UTP cable, providing power to an IP camera via PoE.

A typical application for this module is powering a single PoE IP camera by generating the 48 VDC PoE supply voltage from a 12 VDC or 24 VDC power source, such as a buffered power supply.

The device also ensures that data transmission is maintained between the input and output connectors.

The yellow LED on the RJ45 output port indicates that the PoE output voltage is present.

The device's total power budget is 15 W.

The device has an IP20 protection rating, to ensure protection against the effects of the weather and moisture condensation, a suitable enclosure (minimum IP44) must be used.

The device is very compact, allowing for easy installation in small enclosures.

The adapter is equipped with a plastic base designed to protect the electronics from mechanical damage.

Installation

1. Install the device in the selected location.
2. Connect a voltage in the range of 10–30 VDC to the cables coming out of the device.
3. Connect the LAN input to the LAN port.
4. Connect IP PoE devices to the LAN+PoE OUT port.
5. Turn on the power.

Technical Specification

LAN Ports	1x LAN IN 10/100Mbps 1x LAN+PoE OUT 10/100Mbps
Output voltage	48 VDC +/-2% (PoE OUT) PoE pins: 4,5 (V+) 7,8 (V-)
Maximum power	15 W
Maximum current	0,3 A
Input voltage	10...30 VDC (cables) No voltage at the LAN IN port
Ports Protection	DC IN, LAN+PoE OUT Surge Protection
Operation indication	LED in the RJ45 port (yellow) – power presence and PoE voltage at the port
Housing Construction	Plastic base
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +65°C
Dimensions	63 x 20 x 19 mm
Weight	0,018 kg

Find out more

ASUC-15-482
on the WWW site



ATTE Technical
Support Portal



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.

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

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.

