

AEPI-1-10-HS

Adapter PoE PASSIVE 1 channel, 10/100 Mbps + PoE, Vout=Vin, connectors RJ45/RJ45

INSTRUCTION MANUAL

AEPI-1-10-HS is a adapter (PoE injector) designed to power CCTV devices operating in PoE 802.3at/af and PoE PASSIVE standards.

PoE power is available on one of the RJ-45 connectors (described as LAN+PoE). The other RJ-45 connector is used to connect to the LAN.

Before connecting the receiver, make sure what is the correct PoE voltage level and on which pairs the power supply should be applied.

Applying the wrong supply voltage or selecting the wrong supply pairs can result in unstable operation or, in some cases, damage to the device.

The small size allows the device to be built in any housing.

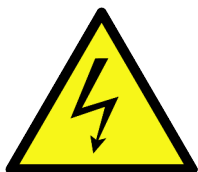


General view of the device

Technical Specification

LAN Ports	1 port 10/100Mbps PoE Passive
Ports Functions	802.3af - do 15,4W (Vin > 44VDC) 802.3at - do 30W (Vin > 44VDC) PoE PASSIVE - do 40W (Vin > 55VDC)
Power Supply Voltage	10...56VDC
Output Volatage for PoE Devices	Vout = Vin
Ports Protection	0,75A
Operating Temperature	-25°C...+50°C
Housing Construction	Insulating polyethylene sleeve
Ingress Protection Rating	IP20
Dimensions, Weight	17 x 45 x 15 mm, 0,012kg

WARNING



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

Safety Precautions

- The device is intended for installation by a qualified installer who has appropriate competences and permits and authorizations (if required for a given country) to connect (interfere with) low-voltage installations.
- The device should be installed indoors. About normal air humidity and temperature. The method of mounting the device and laying the cabling should ensure free air flow. It is recommended to use ABOX series housings, which allow for convenient installation outdoors, indoors and in RACK cabinets.
- For proper operation of the module, appropriate voltage and current capacity of the power source must be ensured.
- Any maintenance operations may only be performed after disconnecting the power supply. Under normal conditions, the device does not require any maintenance.
- In case of damage or doubts as to the correct operation of the device, stop using it immediately.
- In the case of fiber optic devices, do not look into the fiber optic port when the device is turned on. The invisible beam can damage the retina of the eye.
- Before connecting PoE PASSIVE receivers (e.g. WiFi antenna), make sure that the voltage value and polarization on the RJ45 pins of the switch or power adapter are consistent with the values allowed by the receiver.

Installation

- Mount the device in the desired location.
- Connect an RJ45 network cable to the LAN port
- Connect the DC power supply to the Vin screw connector maintaining the correct polarity.
- Connect a UTP cable (RJ45 standard T568B) to the LAN+PWR port leading to the IP PoE receiver.

Operation Indication

- LED in the RJ-45 connector - presence of PoE power supply

WEEE MARKING



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.

