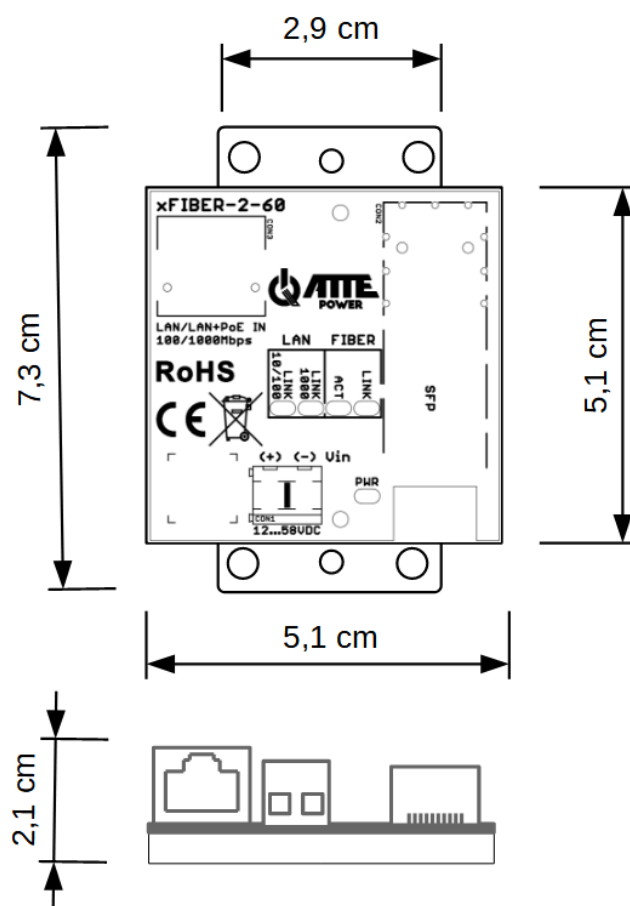


xFIBER-2-60 PoE to Fiber Media Converter 10/100/1000Mbps PoE powered

INSTRUCTION MANUAL

xFIBER-2-60 is a gigabit Ethernet - SFP converter designed for IP CCTV systems. Using any SFP compatible with the IEEE 802.3z standard, we can adjust the parameters of the optical path to the installation requirements (e.g. cooperation with single-mode or multi-mode optical fibers). The module can be powered via a screw connector or directly from a PoE switch operating in the 802.3af or PASSIVE standard.

The small size allows the device to be built in any housing, but the most convenient method of installation is the dedicated ABOX series housings and mounting pre-drilled plates in a 10.8mm raster. The system solution allows for vertical or horizontal installation of selected devices in any open part of the housing or mounting plate.



General view of the device

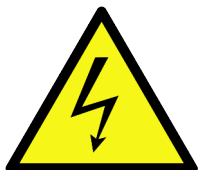
Technical Specification

LAN Ports	1 port RJ45 Gigabit 10/100/1000Mbps (auto MDI-MDIX, autonegotiation)
SFP ports	1 slot SFP Gigabit IEEE 802.3z
Ports Functions	LAN+PoE IN: INPUT PoE (power supply): PASSIVE or 802.3af
Power Supply Voltage	CON1 Vin (+) (-): INPUT POWER SUPPLY LAN+PoE IN: 35...56 VDC
Ports Protection	CON1 Vin (+) (-): 12 ... 58 VDC LAN / LAN+PoE IN, CON1 Vin (+) (-): Overvoltage protection
Indication	PWR (white) - presence of power supply FIBER ACT (green) - SFP activity FIBER LINK (green) - SFP transmission established LAN ACT (green) - LAN activity LAN LINK 10/100 (green) - LAN (10/100 Mbps) transmission established LAN LINK 1000 (green) - LAN (Gigabit 1000 Mbps) transmission established
Housing Construction	Universal mounting base
Assembly	Snap-on spacers, TH35 rail with an additional handle, can be screwed to a flat surface
Operating Temperature	-25°C...+65°C
Ingress Protection Rating	IP20
Dimensions	51 x 51(73) x 21 mm
Weight	0,029 kg

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.

WARNING



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

Installation

- Mount the device in a selected place and lead the connecting cables.
- Install the selected SFP fiber optic insert
- Attach the optical fiber to the SFP insert
- Connect the UTP cable to the LAN port. RJ-45 plugs on the cable should be crimped according to the T568B standard.
- If PoE power is not supplied on the LAN port, connect the power cables to the screw connector CON1 Vin (+) (-)

Operation Indication

- PWR (white) – presence of power supply
- FIBER ACT (green) – SFP port activity
- FIBER LINK (green) - zestawienie transmisji na porcie SFP
- LAN ACT (green) - aktywność na porcie LAN
- LAN LINK 10/100 (green) - LAN (10/100 Mbps) transmission established
- LAN LINK 1000 (green) - LAN (Gigabit 1000 Mbps) transmission established

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.

