xFiber-2-60

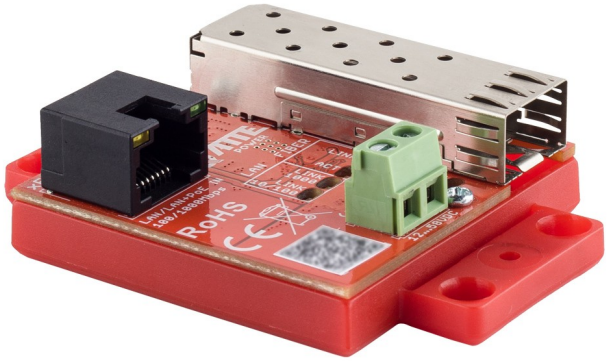
Gigabit Ethernet media converter – SFP
10/100/1000Mbps PoE IN

xFIBER-2-60 is a gigabit Ethernet - SFP converter dedicated to IP CCTV systems. The device enables two-way conversion of Ethernet copper signal to SFP optical signal.

Using any IEEE 802.3z-compatible SFP insert, we have the possibility to adapt the parameters of the optical path to the requirements of the installation (e.g. working with single-mode or multimode optical fibres).

Module can be powered via a screw connector or directly from a PoE switch operating in the 802.3af standard. This allows existing installations to be easily expanded with an additional SFP port without replacing the switch.

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.



FEATURES

- 10/100/1000 Mbps auto-negotiation on LAN port
- powered via screw connector (Vin) or from another 802.3af or PoE PASSIVE switch
- wide input voltage range
- easy and quick start-up without configuring parameters
- very low power consumption (< 1.5W)
- small module size

DESIGNED AND MADE IN POLAND

xFiber-2-60

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: PoE INPUT (converter power supply): PASSIVE or 802.3af CON1 Vin (+) (-): POWER INPUT
Power Supply Voltage	LAN+PoE IN: 35...56 VDC CON1 Vin (+) (-): 12 ... 58 VDC
Ports Protection	LAN / LAN+PoE IN, CON1 Vin (+) (-) Overvoltage protection
Indication	PWR (white) – presence of power supply FIBER ACT (green) – SFP port activity FIBER LINK (green) - SFP transmission established LAN LINK 10/100 (green) - LAN (10/100 Mbps) transmission established LAN LINK 1000 (green) - LAN (Gigabit 1000 Mbps) transmission established LED in RJ45 port (green) - link and data transmission

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	0,04 kg