xFiber-2-70

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

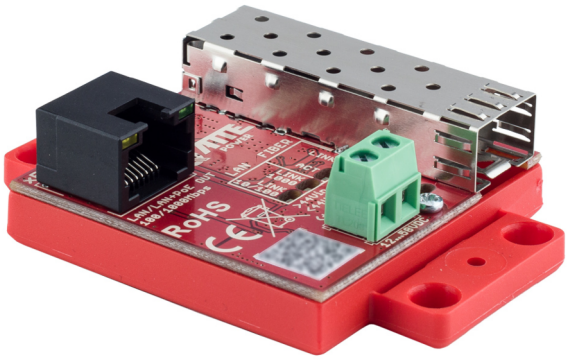
xFIBER-2-70 is a Gigabit Ethernet - SFP converter dedicated to IP CCTV systems. It allows you to change the transmission medium from UTP copper twisted pair to optical fiber. By using any SFP insert compatible with the IEEE 802.3z standard, we can adjust the parameters of the optical path to the requirements of the installation (e.g. cooperation with single-mode or multi-mode fibers).

In combination with APS/AUPS power supplies and APT/xPoE extenders, it enables easy construction of distribution points for extensive CCTV installations based on fiber optic cabling.

The module can be powered only through a screw connector with a voltage in the range of 12-58VDC.

The gigabit LAN port can support PoE-powered devices operating in the 802.3af/at and PASSIVE standards (for Vin >44VDC). After connecting the receiver, the PoE power standard is automatically selected.

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

- small size
- automatic identification and selection of PoE Output standard
- readable indication of the power status and data transmission
- up to 40W of PoE OUT power @56V
- easy and quick commissioning without configuration
- very low power consumption (<1.5W)

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TECHNICAL SPECIFICATION

LAN Ports	1 port RJ45 Gigabit 10/100/1000Mbps + PoE (auto MDI-MDIX, autonegotiation)
SFP ports	1 slot SFP Gigabit IEEE 802.3z
Ports Functions	for Vin <44V DC LAN 10/100/1000Mbps for Vin 44 – 58 V DC LAN 10/100/1000Mbps + PoE Automatic selection • 802.3 AF up to 15,4W • 802.3 AT up to 30W • PASSIVE up to 40W @56V PoE: 1,2 (V-) 3,6 (V+) 4,5 (V+) 7,8 (V-)
Power Supply Voltage	CON1 Vin (+) (-): 12 ... 58 VDC
Ports Protection	LAN, 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 LAN ACT (green) - activity on the LAN port LED in LAN connector (yellow) – PoE power on

Operating Temperature	-25°C...+65°C
Housing Construction	Universal mounting base
Assembly	Snap-on spacers, TH35 rail with an additional handle, can be screwed to a flat surface
Ingress Protection Rating	IP20
Dimensions	51 x 51(73) x 21 mm
Weight	0,029 kg

