



MDCV-1G

Gigabit Ethernet Media Converter



- 1 LAN port 10/100/1000 mbps
- 1 SFP (miniGBIC) slot 100/1000 mbps
- Small size and weight
- Data rate independent, protocol transparent
- DIN rail mounting
- Temperature range: -20 to +60°C

The LyconSys MDCV-1G Gigabit Ethernet Media Converter is a very simple solution to connect distant Ethernet hosts over fiber optic cables. It supports multiple Ethernet speeds and uses modular SFP (Small Form Factor Pluggable) transceivers, which gives maximum flexibility for many industrial and commercial applications.

Flexible Network Integration

Due to modular SFP transceivers the LyconSys MDCV-1G easily adapts to different fiber optic cabling types. Also, it supports three different Ethernet speeds and bridges over ranges from 500 m up to 100 km.

Dual Speed Ethernet Ports

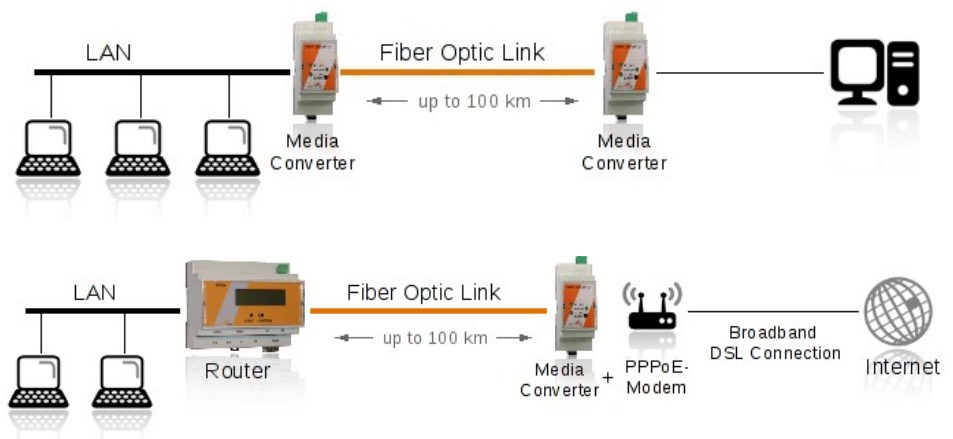
The MDCV-1G supports operation at 100 mbps Fast Ethernet and 1000 mbps Gigabit Ethernet network speeds on both ports (user configurable).

Small and Compact Design

Its very small and compact design saves space when mounted in DIN rail cabinets and makes it perfect for use in a wide range of applications.

Applications

- LAN range extension
- EMI secure data transmission
- Fiber-To-The-Home (FTTH) applications
- Network speed conversion



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IP and Network Features

Operating modes	Switched Media Converter (Layer-2)
Media conversion	Copper based Ethernet (RJ45) / fiber optic (SFP, miniGBIC)

Connectors

LAN interfaces	1 RJ45 Ethernet, 10/100/1000 mbps, MDI/MDI-X, autonegotiation 1 SFP slot, 100/1000 mbps, compatible to 100/1000 BASE-T/SX/FX/LX/LH modules
Power supply	9 V to 24 V DC, min. 1.2 W to max. 3 W

Mechanical Data

Housing	Plastic (ABS) for 35 mm DIN rail or wall mounting (optional)
Safety	IP30
Dimensions	35 x 68 x 82 mm (W x H x T)
Environmental conditions	-20 to +60°C (operation) 5 to 95 % (non-condensing)
Weight	85 g
Conformities	CE

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Order Information

Product Description	Order Code
Gigabit Media Converter Wall Mount Kit	MDCV1G WALLMNTKIT