

FiberGecko 100

USB SFP Ethernet Adapter



- 1x SFP-slot for 100BaseX Multi-Mode-/Single-Mode SFP transceiver modules
- 100MBit/s full duplex
- USB2.0 and 1.1 compatible
- Bus powered up to 500mA
- USB plug-and-play
- Drivers for Windows 2000/XP/Vista, and Linux included

Fast Ethernet over fiber-optic

The FiberGecko 100 - USB SFP Ethernet adapter is compatible with USB 2.0 (data rates up to 480 MBit/s) and supports the full Fast Ethernet network bandwidth of 100 MBit/s over fiber-optic connections.

Especially designed for notebooks and PCs, it is a flexible and very handy alternative to standard Ethernet media converters.



Plug-and-play and bus powered

Just plug in the FiberGecko 100 to the USB port, install the driver, and the connection is ready. Thanks to the USB plug-and-play feature, installation and setup is quite easy. No external 230V AC power supply is needed, because the FiberGecko 100 and the SFP-Transceiver module are bus powered over USB. This makes the FiberGecko 100 a very handy solution.

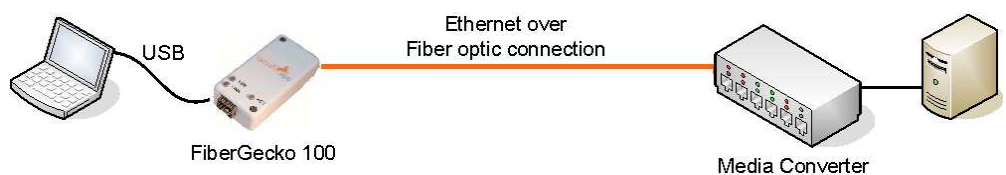
SFP (miniGBIC) compatible



Equipped with a SFP slot, you can plug in any standard SFP transceiver module depending on your fiber-optic cabling and connection type.

A wide range of these modules, available from LyconSys and third party vendors, are compatible with the FiberGecko 100.

Application example



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Technical specification

NETWORK FEATURES

- Ethernet Network Interface

PORTS/CONNECTORS

- SFP (miniGBIC):
 - 1x 100 MBit/s for Single-Mode/
Multi-Mode SFP-Transceivers
- USB:
 - USB2.0 and USB1.1 compatible

OPERATING SYSTEMS

- Windows 2000/XP/Vista and Linux
drivers included

LED DISPLAYS

- 3 LEDs for USB, Network Link status
and activity

POWER SUPPLY

- Device is USB bus powered up to 500mA

MECHANICAL DATA

- Housing: plastic gray
- Safety: IP30 accord. to DIN 60529
- Weight: 50 gram
- Dimensions (W x H x T):
 - 22mm x 40mm x 84mm

APPROVALS

- CE

ENVIRONMENTAL CONDITIONS

- Operating temperature: 0..60°C
- Storage temperature: 0..50°C
- Relative humidity:
 - 5%..95% (non-condensing)

APPLICATIONS

- EMI secure data communication
- Long range Ethernet over fiber-optic
- Fiber-optic installation testing
- Galvanic isolation