



Industrial Grade Ethernet Fiber Converters

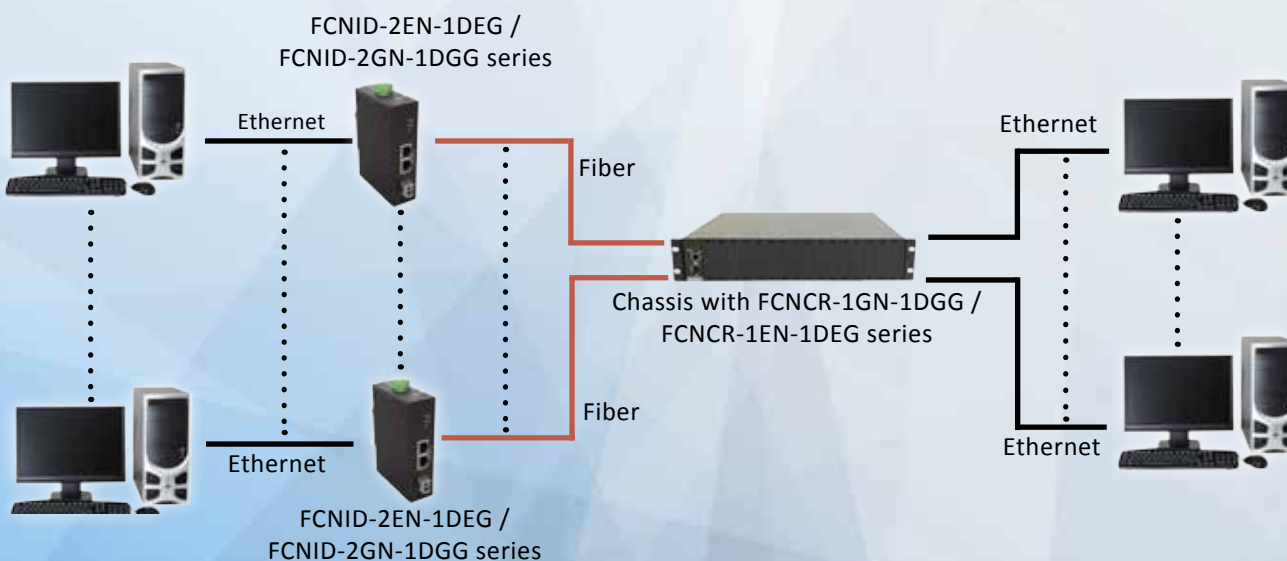
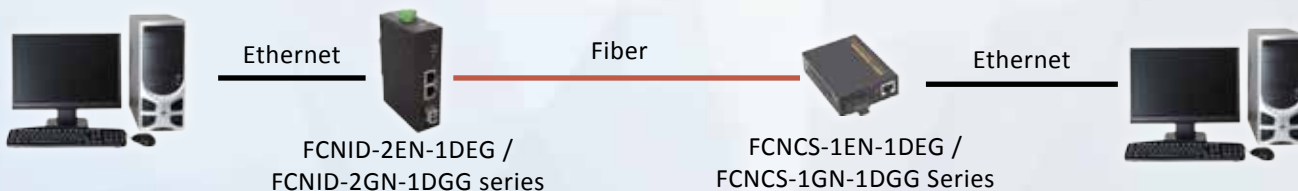
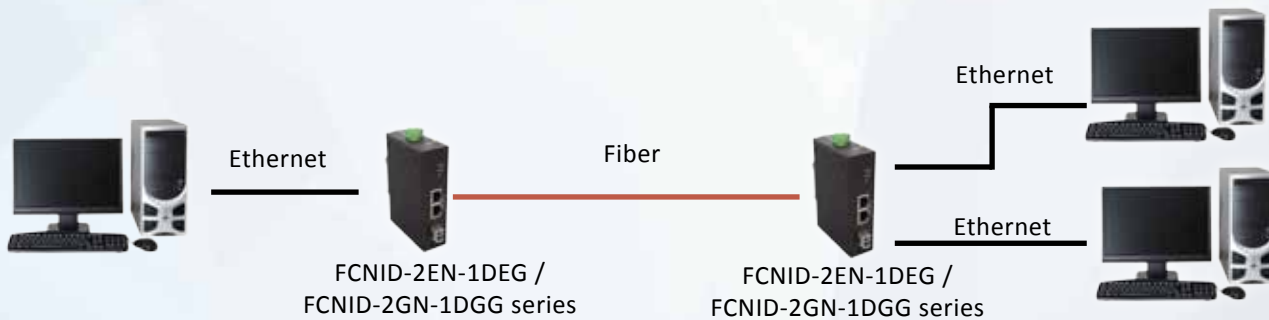
FCNID-2EN-1DEG & FCNID-2GN-1DGG Series

FCNID-2EN-1DEG and FCNID-2GN-1DGG series are industrial grade Ethernet fiber converters. These converters have the capability to extend transmission distance to 100km over the optical fibers. Both singlemode and multimode optical fibers can be supported by the converters which offer various transmission distances. The converters are rugged in design and suitable for industrial environments. In addition, the converters are designed to work with commercial Ethernet fiber converters series to provide cost effective solutions.

Key Features

- ◆ Rugged in design, suitable for industrial requirements
- ◆ Broad range of operating temperatures from -40°C to 75°C
- ◆ Fully compliant to industrial standards such as IEEE802.3u and IEEE802.3x
- ◆ Come with 2 x Ethernet copper ports instead of the usual 1 x Ethernet copper port
- ◆ Able to communicate with the new commercial grade Ethernet fiber converters

Application Diagrams



FCNID-2EN-1DEG Series

FCNID-2EN-1DEG series industrial grade Ethernet fiber converters convert Fast Ethernet 10/100Base-TX signal to 100Base-FX signal and vice versa.

Part No.	Description
FCNID-2EN-1DEG-M02	FiberTek 2 x 10/100Base-TX to 100Base-FX Converter, Din-rail mount, -40 to 75 degree Celsius, 9VDC to 36VDC (Multimode 2km/SC)
FCNID-2EN-1DEG-Sxx	FiberTek 2 x 10/100Base-TX to 100Base-FX Converter, Din-rail mount, -40 to 75 degree Celsius, 9VDC to 36VDC (Singlemode xxkm/SC)

Note: Replace xx with 20/40/60/80/100 to indicate distance of transmission

FCNID-2GN-1DGG Series

FCNID-2GN-1DGG series industrial grade Ethernet fiber converters convert Gigabit Ethernet 10/100/1000Base-TX signal to 1000Base-FX signal and vice versa.

Part No.	Description
FCNID-2GN-1DGG-M02	FiberTek 2 x 10/100/1000Base-TX to 1000Base-FX Converter, Din-rail mount, -40 to 75 degree Celsius, 12VDC to 48VDC (Multimode 2km/LC)
FCNID-2GN-1DGG-Sxx	FiberTek 2 x 10/100/1000Base-TX to 1000Base-FX Converter, Din-rail mount, -40 to 75 degree Celsius, 12VDC to 48VDC (Singlemode xxkm/LC)

Note: Replace xx with 20/40/60/100 to indicate distance of transmission