

Product Description

The **VX-IRG808** is a compact reliable media conversion solution that provides network administrators with a cost effective solution for migrating or upgrading copper-based networks to fiber optic-based networks. Whether data is transmitted over multi-mode, single-mode, or long-haul single mode fiber optics, or operating in full or half-duplex, the **VX-IRG808** is capable of handling the various cable configurations.

Features of the **VX-IRG808** include Link fault signaling, Loop back testing, NWay, and cable flexibility and scalability.



Features

- Device DIP switches allow multiple configuration options
- Automatic MDI/MDI-X selection on RJ-45 port
- Auto-negotiation, NWay support on RJ-45
- Link Fault Signaling (LFS)
- Remote and local loop back testing
- LEDs for at-a-glance device status
- Extends distances ranging from 2km (multi-mode fiber) to 60km (single-mode fiber)
- Store-and-forward at full wire speed
- Internal and external power supply options
- FCC Class A & CE approved

Specifications

Standards	IEEE 802.3, IEEE 802.3u	Unit LEDs	100 : illuminated when 100Mbps LFS : illuminated when break exists in copper/fiber links LNK : illuminated when receiving link pulses ACT : flashing for packets being sent/received FDX : flashing for full-duplex mode COL : flashing to indicate collision PWR : illuminated under normal power
Ports	1x copper; 1x fiber optic	Interface	UTP 100/120ohm; RJ-45 Fiber: SC, ST, LC, MT-RJ or WDM (only SC for single-mode)
Data Rates	Serial: max 115.2 kbps (asynchronous)	Temperature	Operating: 0°C - 50°C Storage: -25°C - 70°C
DIP Switches	DIP 1: Enable/disable auto-negotiation DIP 2: RJ-45 duplex mode (full or half) DIP 3: RJ-45 data rate (10Mbps or 100Mbps) DIP 4: Fiber duplex mode (full or half) DIP 5: Enable/disable link fault signaling DIP 6: Enable/disable local loop back DIP 7: Enable/disable remote loop back	Humidity	Operating: 10% - 80% non-condensing Storage: 5% - 90% non-condensing
Distance	UTP: 100m (CAT3/4/5 or better) Fiber: 2km - 60km (depends on μm)	Dimensions	86 x 133.5 x 29mm (W x D x H)
Power	12V DC @ 0.8A; AC power adapter	Weight	158g
Frequency	47Hz - 63Hz	Emissions	FCC Part 15 of Class A & CE approved