

Product Description

Featuring a standard 9-pin serial port and on SC/ST-type 100Mbps Fiber port, the **VX-IRF806** device server becomes a perfect solution when integrating an asynchronous device to a TCP/IP-based Ethernet network. By deploying the **VX-IRF806**, users can retain investments made in legacy serial devices. Simply use the rear-panel DIP switches to activate several connectivity modes – such as a terminating resistor or console mode – and the **VX-IRF806** quickly incorporates the serial device into the existing Ethernet network.

By simplifying the integration of the existing asynchronous serial devices – such as PLCs and SCADAs – within an Ethernet network, the **VX-IRF806** represents a cost-effective solution for network administrators eager to keep device-replacement costs to a minimum. The design of the **VX-IRF806** allows for straight-forward Plug-N-Play operation. Additionally, the compact form factor of the device translates into installation flexibility – it is suitable as a standalone (desktop, wall-mounted) or as a module within a converter chassis or on a DIN rail.



Features

- Complies with EIA/TIA-232, EIA/TIA-574, IEEE 802.3, IEEE 802.3u
- Supports 2-wire half-duplex asynchronous serial data transmission (RS-485)
- Supports 4-wire full-duplex asynchronous serial data transmission (RS-422/485)
- Extends distances to up to 1.2km (24 AWG) using RS-422-485
- Supports serial-port asynchronous data rates up to 115.2 Kbps
- Fiber port with choices of SC or ST connector
- Fiber distance up to 120km (single-mode)
- 3-in-1 RS-232/422/485 serial interfaces
- Managed via CLI, Telnet, RS-232 Console, menu-driven interfaces
- Distributed and scalable solution with VCOM port utility
- External power supply
- Chassis compliant (internal power supply)
- FCC Class A & CE approved

Specifications		
Standards	IEEE 802.3u, EIA/TIA-232/422/485, EIA/TIA-574	Distances
Ports	1x 100Base-FX Fiber (SC/ST; SM/MM), 1x serial (RS-232/422/485) 9-pin, D-sub male	Configuration
Data Rates	Fiber: 100 Mbps Serial: max 115.2 kbps (asynchronous)	Power
DIP Switches	DIP 1: Enable/disable console/data communication mode DIP 2: Enable/disable RS-232 DIP 3: Enable/disable RS-422/485 (4-wire) DIP 4: Enable/disable RS-485 (2-wire) DIP 7: Enable/disable termination (TMR)	Temperature
Signals	RS-232: TxD, RxD, CTS, RTS, DTR, DSR, RI, DCD, GND RS-422: TxD +/-, RxD +/-, GND RS-485: Data +/-, GND	Humidity
		Emissions

