

IRF-656 : 4-port RS-422/485 to 100Base-FX Single Slot Device Server



Product Introduction & Benefits

The IRF-656 enables you to connect up to four RS-422/485 devices – such as SCADA, CNCs, weight scales and legacy robots – from your factory floor directly to a Fast Ethernet network via Small Form Pluggable (SFP) module. This serial interconnecting device can control all legacy and modern RS-422/485 devices from your office Ethernet and is a highly reliable solution for bringing auto mated equipment on the factory floor into your office Ethernet environment.



Applications:

- Industrial / Factory / Laboratory automation SCADA systems
- Self-service banking systems
- Factory robots and HVAC control systems
- Wafer fabrication systems
- Point of Sale (POS) systems
- Security cameras or other remotely distributed serial devices

Main Features:

- VOLKTEK Netbility and Webility with Virtual COM
- Supports virtual COM port utility for managing 256 serial devices remotely
- 4 x RS-422/485 (Male) ports
- 1 x 100Base-FX SFP-type Ethernet connection
- Telnet with both CLI and Menu-driven user interface
- Both TFTP and HTTP firmware upgradeable
- RS-422/485 signals: TxD +/-, RxD +/-, GND
- Alarm Contact
- Terminal Block
- Power-input polarity protection function
- Under-power & over-power detection function
- FCC Class A & CE

Ordering Information:

IRF-656:

4-port RS-422/485 to 100Base-FX Single Slot Device Server

FPM-107:

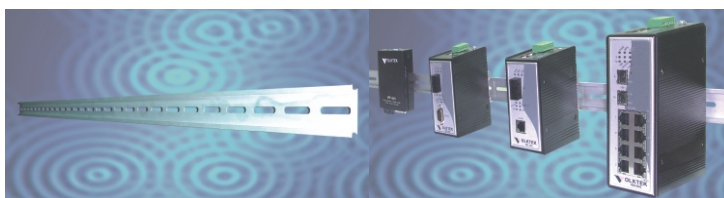
1310nm, 3.3V 100Base-FX Multi-mode SFP Module, 2km

FPM-107-30/60:

1310nm, 3.3V 100Base-FX Single-mode SFP Module, 30/60km

FPM-107-100/120:

1550nm, 3.3V 100Base-FX Single-mode SFP Module, 100/120km



Specifications:

Standards:

IEEE 802.3u 100Base-FX
EIA/TIA-422/485

Ports:

4 x serial RS-422/485 (terminal block)
1 x 100Base-FX Fiber (SFP)

Wavelength:

1310nm (multi-mode)
1310nm (single-mode)

Max Distances:

RS-422/485 cable: 1,200m
Fiber Optic: Up to 120km

Power:

Power Input: 9 ~ 48V DC / 1.5 A

Temperature:

Operating: 0°C to 70°C
Storage: -20°C to 80°C

Humidity:

Operating: 10% to 80%RH
Storage: 5% to 90%RH

Compliance:

FCC Part 15 of Class A & CE Approved

Weight:

780g

Dimensions:

120 x 50 x 162 mm (D x W x H)

