



MULTENET

PocketPAD FX

The PocketPAD FX is a low cost single port serial to Fiber Ethernet converter. This serial device server is designed to connect your serial device to a Fiber Ethernet network.

The light-weight PocketPAD can be used as a stand-alone desktop or mounted on a DIN-rail.

This product range includes the following hardware configuration:

- One RS232 serial to 100 Base-FX Ethernet

Features include:

- Device network connectivity via UDP/IP or TCP/IP.
- Device management via Telnet, DHCP/TFTP, Web Browser, SNMP (MIB II), Built-in Serial configuration interface, Windows configuration Utility.
- Flash memory for convenient software updates.
- Low cost and Compact Size.
- Lightweight.
- Multiple Network connections allowed to the same Serial data stream.
- DIN Rail mounting kit available.

Software Specification

- **Network Protocols:** TCP/IP, UDP/IP, BootP/DHCP, TFTP, ICMP, ARP, Telnet, HTTP, SNMP (v1 & v2)
- **Serial Protocols:** Raw, TC500 (BPS)
- **Parity:** None, Even, Odd, Mark, Space
- **Flow Control:** Hardware (RTS/CTS), Software (XON, XOFF), None
- **Data Size:** 5, 6, 7, 8
- **Stop bits:** 1, 2
- **Data Throughput:** 300 - 230400 Baud
- Web Server (Configuration)
- Password protection
- Software upgrade over serial Kermit
- Multiple concurrent network connections (25 max)

Hardware Specification

- ARM9 processor
- 8MB RAM, 4MB Flash
- 100 Base-FX MultiMode Ethernet line interface
- One RS232 Serial interface
- LED indication for Ethernet and Serial port status, Power & Heartbeat

Physical Specifications

Connectivity:

Ethernet (100 Base-FX): SC connector

Serial port (RS232): DB9 male connector

Enclosure: Poly Carbonate

Dimensions: 120mm x 90mm x 40mm

Weight: 166g

PSU Weight: 98g (Torpedo PSU)

Temperature Range Operating:

0 degrees Celsius to 60 degrees Celsius

Temperature Range Storage:

-10 degrees Celsius to 70 degrees Celsius

Electrical Specifications

Power requirement:

External Power supply: 2W (5V DC)

Consumption: 200mA

(light-weight Torpedo Power Supply available as an option)

Part Numbers

PocketPAD FX (RS232): PROD0103

Euro PSU (220V): PROD0900

US PSU (120V): PROD0901

DIN Rail Mounting Kit: PROD0111

Product specifications are subject to change without notice.