



MULTENET

PocketPAD 1 RS232/422/485

The PocketPAD 1 RS232/422/485 is a low-cost, light-weight device server connecting an asynchronous serial device to Ethernet networks. The 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/RS422/RS485 serial to 10/100Base-T 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.
- Web enabled allowing unit configuration via Web browser.
- 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 socket connections)

Hardware Specification

- ARM9 processor
- 8MB RAM, 4MB Flash
- 10/100Base-T Ethernet line interface (Autodetect)
- One RS232 Serial interface
- RS422/RS485 Serial interface enabled by internal DIP switches.
- LED indication for Ethernet and Serial port status, Power & Heartbeat
- Removable DIN-rail mounting bracket
- Jumper Selectable Power-Over-Serial (pin 9). 200mA, 5V DC.

Physical Specifications

Connectivity:

Ethernet (10/100Base-T): RJ45

Serial port (RS232/RS485): DB9 male

Enclosure: Poly Carbonate

Dimensions: 120mm x 90mm x 40mm

Weight: 180g

PSU Weight: 75g (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

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

Part Numbers

PocketPAD 1 (RS232/RS422/RS485):

POK1A485DC050402

PocketPAD 1 (RS232):

POK1A232DC050402

Euro Power Adapter (220V):

PSUT-EU-05VDC

US Power Adapter (120V):

PSUT-US-05VDC

DIN Rail Mounting Kit: DK-02

Product specifications are subject to change without notice.