



MULTENET

EtherPAD Lite

The EtherPAD Lite is a versatile, entry-level connectivity device that can be used in stand-alone, DIN rail or 19" rack-mount applications. It requires an external power supply and has a 10/100Base-T Ethernet interface and a RS232/RS422/RS485 serial interface connecting an asynchronous serial device to an Ethernet network.

This product range includes the following hardware configurations:

Manual or auto-selectable 10/100Base-T Ethernet to two software selectable RS232, RS422 or RS485 serial ports.

Features include:

- Device network connectivity via UDP/IP, TCP/IP with SNMP MIB II protocol suite.
- Device management via Telnet, BootP/TFTP, Web Browser, SNMP, Windows and Linux configuration Utility.
- Web enabled allowing unit configuration and serial device manipulation via Web browser.
- Flash memory for convenient software updates via FTP.
- Low cost and Compact Size.
- Modbus Slave Bridge connecting Modbus TCP/UDP to Modbus ASCII/RTU.
- Multiple Network connections allowed to the same Serial data stream.

Software Specification

- **Network Protocols:** TCP/IP, UDP/IP, BootP/DHCP, TFTP, ICMP, ARP, Proxy ARP, Telnet, HTTP, SMTP, DNS, SNMP (v1), Modbus/TCP, Modbus/UDP, Redirector (RFC2217)
- **Serial Protocols:** Raw, Redirector, TC500, Modbus/RTU, Modbus/ASCII
- **Parity:** None, Even, Odd, Mark, Space
- **Flow Control:** None, Hardware (RTS/CTS), Software (XON, XOFF)
- **Data Size:** 5, 6, 7, 8
- **Stop bits:** 1, 2
- **Data Throughput:** Up to 115200 Baud
- Web Server (configuration)

- Password protection
- Firmware upgrade over serial Kermit or network
- Multiple concurrent network connections (5 max)
- Debug and diagnostics tools

Hardware Specification

- ARM7 processor
- 8MB RAM, 1MB Flash
- 10/100Base-T Ethernet line interface
- RS232/RS422/RS485 Serial interface
- LED indication for Ethernet & Serial port status, and indicators for health.

Physical Specifications

Connectivity:

Ethernet (10/100Base-T): RJ45

Serial port (RS232/RS422/RS485): DB9 male

Enclosure: Black anodized aluminium extrusion with aluminium faceplates.

Dimensions: 127mm x 104mm x 50mm

Weight: 430g

Temperature Range Operating:

0 degrees Celsius to 60 degrees Celsius

Temperature Range Storage:

-20 degrees Celsius to 85 degrees Celsius.

Electrical Specifications

Power requirement:

External Power supply: 5W - 10V-30V DC or 10V-20V AC (power supply adapter available as an option). Power connector on front for DIN Rail PSU connection.

Standards Compliance

UL, CE

Hardware Options Available

- **Power Supply Adapter:** USA or Euro type.
- **DIN Rail Mounting Kit**
- **19" Rack Mounting Bracket:** Holds two EtherPAD Duos or Lites.

Part Numbers

EtherPAD Lite: ETM1LSELDC240402

Euro Power Adapter (220V): PSUF-EU-12VDC

US Power Adapter (120V): PSUF-US-12VDC

DIN Rail Mounting Kit: DK-01

19" Rack Mounting Kit: RAK-01

Product specifications are subject to change without notice