



MULTENET

Mobile Router

The MOBILE ROUTER is an innovative solution to connect remote networks and IP / Serial devices to your corporate network or to the Internet over the Mobile (GSM / GPRS) wireless network. Advanced security options include an IP Firewall and VPN which support data encryption.

This product includes the following hardware configurations:

Manual or auto-selectable 10/100 Base-T Ethernet one software selectable RS232, RS422 or RS485 serial port.

Features include:

- Device network connectivity via UDP/IP and TCP/IP.
- Device management via Web, Telnet, DHCP/TFTP, Serial, Windows configuration utility.
- Layer-3 routing.
- PPP Dial-in and dial-out connections with authentication (CHAP / PAP).
- SNMP v1, v2 (MIB-II) device monitoring
- DHCP server.
- Web server for configuration and monitoring.
- On-Demand Dialing available.
- Configurable IP firewall.
- Masquerading / NAT.
- Port forwarding.
- VPN tunneling with data encryption (L2TP / PPTP).
- RTC with automatic time synchronization.
- NTP time server.
- Monitoring tools via web interface.
- Firmware upgradeable via network (FTP) or serial.
- Password protection.

Software Specification

- **Network Protocols:** TCP/IP, UDP/IP, BootP/ DHCP, TFTP, ICMP, ARP, Proxy ARP, Telnet, FTP (client & server), HTTP, SMTP, DNS, PPP, SNMP (v1, v2), Redirector (RFC2217)
- **Serial Protocols:** Raw, Redirector, TC500
- **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:** 300 - 230000 Baud
- Web Server
- Password protection
- Firmware upgrade network or serial Kermit
- Multiple concurrent network connections

Hardware Specification

- ARM-9 processor
- 32 MiB RAM, 8 MiB Flash
- 10/100 Base-T Ethernet line interface
- RS232/RS422/RS485 Serial interface
- Integrated Siemens MC75 GSM/GPRS/EDGE Modem
- LED indication for Ethernet, GSM, Serial and Power

Physical Specifications

Connectivity:

Ethernet (10/100 Base-T): RJ45

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

Enclosure: Black anodized aluminium extrusion with aluminium faceplates.

Dimensions: 127mm x 104mm x 50mm

Weight: 500g

Temperature Range Operating:

0 degrees Celsius to 60 degrees Celsius

Temperature Range Storage:

-20 degrees Celsius to 85 degrees Celsius.

Standards Compliance

CE, IEEE 802.2, IEEE 802.3, ICASA

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.

Part Numbers

Mobile Router:	PROD0301
Power Adapter (220V):	PROD0925
DIN Rail Mounting Kit:	PROD0206
19" Rack Mounting Kit:	PROD0207

Product specifications are subject to change without notice