

## FATBOX GPRSV2

- Cellular Router with Ethernet and Serial ports
- Serial port for TCP/UDP transport over GPRS
- Quad-band GSM and GPRS Class 10
- EDGE Class 10 version with RS-485 available
- Dual SIM support for connection redundancy
- No software – Web, TELNET or Serial configuration
- Supports IPSEC, PPTP and L2TP VPN for security



### About the FATBOX GPRSV2 Cellular Router

In a compact and robust metal chassis, the FATBOX GPRSV2 Cellular Router provides stable data connectivity on widely available GPRS cellular data networks. With Dual SIM support, it provides redundancy and high availability for mobile applications. The router also supports serial modem and also simultaneous serial port TCP or UDP transparent transport to your server. CE and FCC tested and certified. EDGE version is available that supports up to 236.8kbps/sec and with RS-485 port.

### Technical Specifications

#### Wireless Cellular Interface

- GPRS Class 10 for maximum 85.6kbps downlink
- EDGE Class 10 for maximum 236.8kbps downlink
- Quad-Band GSM 850/900/1800/1900
- SMS and CSD 14.4kbps supported
- Dual SIM with connection failure auto-switching
- Motorola G24 Wireless module integrated

#### LAN Interface

- 10/100BaseT Ethernet port
- DHCP server on default

#### Serial Interface

- Operate as serial modem (e.g. for SMS, CSD)
- For TCP or UDP transparent transport mode
- Allows back-up route (e.g. to a SAT modem)
- Software switchable RS232/485 port on EDGE

#### Power and Operating Conditions

- 9~30VDC (@12V 150mA/80mA for Transmit/Idle)
- -48VDC telecoms version available (GPRS)
- -10°C ~ +65°C Operating Ambient
- 130mm x 92mm x 25mm @ 420g

#### Operating System

- Linux O/S on ARM7 microprocessor
- Kernel and firmware update over LAN or serial

#### Network and Management Features

- SNMPv1 with TRAP for remote management
- TELNET and HTTP for remote management
- SSH secure terminal supported on EDGE version
- IPSEC (PSK), PPTP and L2TP VPN client
- With DYNDNS, DMZ, NAT and IP Table scripting
- CHAP and/or PAP authentication
- Configurable PPP keep-alive function
- Configurable daily ON/OFF Timer
- Disconnect on LAN idle and WAKE on data/call
- Connect on Serial Data burst detected

#### In the Box

- FATBOX GPRSV2 Router
- GSM antenna (with 2M wire)
- CAT-5 LAN cable
- Serial cable
- Power supply unit