



## XM1530S

LAN/Ethernet box modem with RS232 to Ethernet bridge, working as a COM server. Easy integration of serial devices into 10/100Base-T Ethernet networks. Flexible protocol stack allows integration of user applications.

### Benefits:

- Enables any serial device to send and receive data via 10/100Base-T Ethernet network.
- Based on the AL6000S socket modem from xmodus, ideally suited for a wide range of M2M applications.
- Exchangeable with GSM, ISDN and PSTN modems from xmodus.
- EMC and Safety regulatory approvals. Full approved in Europe.

### Functions:

- Command line interface for management and configuration over serial interface or Telnet.
- Data transmission modes are transparent or Telnet.
- HTTP server with web page allows monitoring and configuration with WEB browser.
- UART: BR from 300 bps to 115.2 Kbps and Auto BR supported.
- Ethernet IEEE 802.3u interface with auto-negotiation of 10/100baseT, half/full-duplex and auto-crossover.
- Complete protocol stack: TCP/IP, UDP, ARP, ICMP and DHCP.
- Configurable Telnet client and Telnet server.

- Central site setup and monitoring of the remote COM servers.
- Device identification, password protection and security administration.
- Transmit block size up to 4Kb supported.
- Flash memory to update the firmware with the latest code or custom features.
- Trusted IP-address for Telnet dial-in.

### Specifications:

- Compact Size: 97 x 63 x 36 mm.
- Supply: wide input range from 9 - 32 VDC.
- Typical Power use average: 100mA @ 9VDC.
- Serial RS-232 interface with D-SUB9 connector.
- Approved for Europe (CE). R&TTE directive. Meets specification TBR21.
- Operating temperature: 0° to +70°
- ESD protection (RS232 & IO)
- 2 Year warranty.

Ordering:

**XM1530S**

### Interface Connections


|     |                                 |
|-----|---------------------------------|
| P1  | Power Supply ( 9 - 36 VDC )     |
| P1  | R = External Reset Input        |
| P2  | RS232 Serial Interface (D-Sub9) |
| P3  | LAN / Ethernet Interface (RJ45) |
| LED | Red = Power On                  |
| LED | Yellow = Connect                |

| Operating Environment       |           |                         |     |
|-----------------------------|-----------|-------------------------|-----|
| Supply Voltage              | VDC       | + 9.0 to + 32.0         | VDC |
| Power Requirements          | @ 9.0V    | 0.1                     | A   |
| Operating temperature       | TA        | 0° to + 70°             | °C  |
| Casing                      | IEC 529   | IP50                    |     |
| Vibration / Shock           |           | EN60068-2-6 / 2-27      |     |
| ESD protection (RS232 & IO) | IEC 61000 | +/-15kV HBM, +/-8kV IEC | kV  |


| Accessories |   |
|-------------|---|
| XM-TSH-35/2 | Top-hat rail mounting kit (35mm)                  |
| XM-PSU-001  | External Power Supply (wall adapter) 9VDC / 0.56A |

| Product Documentation  | Doc Nr.  |
|------------------------|--|
| Hardware Manual        | XM1523S-E00-100                                  |
| AT Command Manual      | XM1530S-A00-100                                  |
| Additional Information | <a href="http://www.xmodus.ch">www.xmodus.ch</a> |

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