



XM1400S

Xmodus presents an ultra compact and reliable wireless terminal with good performance at a favorable price. This is a complete quadband GSM/GPRS class 10 engine, ideally suited for a wide range of M2M applications.

Benefits:

- Enables any device to send and receive data via quad-band 850,900,1800,1900 MHz GSM network.
- Based on SIMCom's SIM900 module, the most compact module available and ideally suited for a wide range of M2M applications.
- Exchangeable with Analog, ISDN, GSM 3.5G and LAN terminals from xmodus.
- CE, FCC, IC, PTCRB, GCF, ICASA, AT&T and EMC regulatory approvals. Full approved in Europe, US and other countries.

Functions:

- AT-Command Set Interface Protocol ETSI GSM 07.05, 07.07 and 07.10.
- Quad band 850/900/1800/1900Mhz GSM Engine.
- Class 4 (2W @ GSM 850 and EGSM 900).
- Class 1 (1W @ DCS 1800 and PCS 1900).
- GPRS multi slot classes up to Class 10.
- GPRS mobile station Class B multiplexing.
- GPRS coding schemes CS-1, CS-2, CS-3 and CS-4.
- GPRS maximum BR is 85.6 Kbps (CS4).
- Temperature range: -30°C to +80°C (normal).
- Typical power in sleep mode is 1.0mA @ DRX9.

Connectivity:



- CSD max. BR 14.4 Kbps, non transparent.
- CSD with V.32bis and ISDN V.110 supported.
- Unstructured Supp. Services (USSD) support.
- FTP active and passive modes.
- Integrated TCP-IP / PPP / HTTP protocols.
- SMS/MMS services features, TXT and PDU modes.
- Fax G3, PPP-stack, 0710 MUX protocols.
- Firmware upgradable.
- Auto BR 300 - 57600 bps.

Specifications:

- Compact Size: 95 X 55 X 25 mm.
- Supply: wide input range from 9 - 32 VDC.
- Typical Power use average: 270mA @ 9VDC
- Typical Power use @ PCL 5: 0.5A peak.
- Serial RS-232 interface with D-SUB9 connector.
- SIM card reader (1.8V, 3V SIM).
- SMA (female) Antenna Interface.
- Operating temperature: -30° to +80° C.
- ESD protection (RS232 & IO)
- 2 Year warranty.

Ordering:



XM1400S

Interface Connections	
	P1 Power Supply (9 - 36 VDC)
	P2 Serial Interface (D-SUB9 female)
	P3 GSM Antenna Interface (SMA female)
	P4 SIM Card Interface (1.8V / 3V SIM)
	LED Green = Power On / Yellow = GSM activity

Operating Environment			
Supply Voltage	VDD	7.5 to 36.0	VDC
Power Requirements	@ 9V	0.8	A (peak)
Operating temperature	TA	-30° to + 80°	°C
Casing	IEC 529	IP50	
Vibration / Shock		EN60068-2-6 / 2-27	
ESD protection	IEC 61000	+/-15kV HBM, +/-8kV IEC	kV

Accessories	
ZC-CAB-DC	DC Cable with open ends
XM-TSH-3	Mounting Kit
XM-PSU-002	DC Power Supply 9VDC 0.6A (wall adapter, EU version)

Product Documentation	Doc Nr.
Manual	XM1400S-E00-101
AT Command Manual	XM1400S-A00-100
Additional Information	www.xmodus.ch

Contact Information	
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