



## XM7810S

Xmodus announced the launch of the latest addition to the GSM Series of embedded socket modems for machine-to-machine (M2M) applications. The new XM7810S module include a 3.5G pentaband engine with optional satellite navigation support. To be completely interchangeable across 2G, 3G, and 4G.

### Benefits:

- HSPA pentaband support. EDGE quad band support. GSM/GPRS quadband support.
- Based on the new Sierra Wireless HL8548 module. The most compact module available and ideally suited for a wide range of M2M applications.
- Pin compatible and exchangeable with Analog, ISDN and LAN socket modems from xmodus.
- CE, FCC, IC, PTCRB, GCF, Anatel, CCC and EMC regulatory approvals. Full approved in Europe, US and other countries.

### RF Network:

- Pentaband 800/850/900/1900/2100Mhz HSPA.
- Quad band 850/900/1800/1900Mhz GSM/EDGE.
- Class 4 (2W @ GSM 850 and EGSM 900).
- Class 1 (1W @ DCS 1800 and PCS 1900).
- CSD and CSD over WCDMA supported.
- GPRS/EDGE multi slot classes up to Class 33 (296 kbits downlink and 236.8 kbits uplink..)
- HSDPA compliant with 3GPP rel. 5 with category 8 data rate of 7.2 Mbps (peak rate).
- HSUPA compliant with 3GPP rel. 6 with category 6 data rate of 5.76 Mbps (peak rate).
- GPS and GNSS support (optional).
- U.FL connectors for antenna interface.

### Features:

- SMS/MMS services features, TXT and PDU modes.
- CMUX multiplexing over UART.
- Internet Services: TCP, UDP, FTP, HTTP, HTTPS.
- UART with Auto BR 300 - 57600 bps.
- USB 2.0 Interface (drivers available).
- AT Command Set Interface - 3GPP 27.007 standard plus proprietary extended AT command.
- Temp: -30° to +70°C Class A, -40° to +85°C Class B
- Low power modes. (Standby and idle = 1.2mA)
- Audio interface: Digital PCM (optional).
- DTMF detection.

### Specifications:

- Compact Size: 64.5 X 26.5 X 8 mm.
- 3.3V or 5VDC supply.
- Typical Power (HSxPA max.): 560mA
- Maximum Power use @ PCL 5: 1.5A peak.
- Serial RS-232 interface with TTL levels
- Internal SIM card reader (1.8V, 3V SIM).
- External SIM card reader interface (1.8V, 3V SIM).
- 2 Year warranty.

Ordering:

**XM7810S-5V / -3V**

