

SocketModem® iCell

Intelligent GPRS Cellular Modem



The SocketModem® iCell intelligent cellular modem is a complete, ready-to-integrate communications device that offers standards-based quad-band GSM/GPRS Class 10 performance. This quick-to-market communications device allows developers to add wireless communication and GPS tracking to products with a minimum of development time and expense. The intelligence of the embedded Universal IP™ stack allows for automatic/persistent connectivity for mission critical applications and enhanced M2M functionality. The SocketModem iCell intelligent cellular modem is based on industry-standard open interfaces and utilizes Multi-Tech's Universal Socket design.

Features

- GPRS Class 10
- Quad-band GSM 850/900/1800/1900 MHz
- Universal Socket connectivity
- Intelligent Universal IP stack for enhanced M2M functionality
- M2M applications include automatic connect/reconnect, device monitor, modem emulation, Ping and TCP keep alive, wake-up on Caller ID, and wake-up on ring
- Models with GPS tracking capability
- NMEA-0183 V3.01 compliant messages
- Packet data up to 85.6K bps
- Circuit-switched data up to 14,400 bps transparent and non-transparent
- Short Message Services (SMS)
- UFL antenna connector and SIM socket
- Serial interface supports DTE speeds to 115.2K bps
- AT command compatible
- MNP 2 error correction, V.42bis compression
- Two-year warranty

Universal Socket Benefits

- Interchangeable communications devices
- Intelligent Universal IP stack
- Quick-to-market
- Easy migration to future networks



