MultiModem® Cell

HSPA Cellular Modem

Benefits

- USB Bus powered
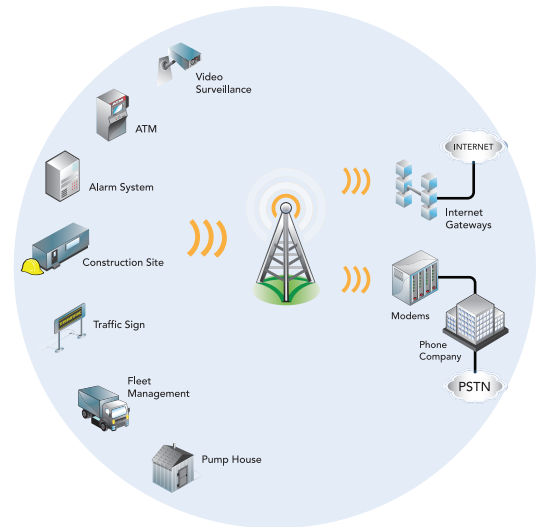- Easy to use, simple installation
- Carrier approved

The MultiModem® Cell HSPA cellular modem offers standards-based quad-band HSPA performance. This ready-to-deploy, standalone modem provides wireless data communication and integrates seamlessly with virtually any application. The MultiModem Cell cellular modem is based on industry-standard open interfaces and can be desktop or panel mounted.

Features

- Quad-band GSM, GPRS, EDGE, HSPA
- Frequency bands 850/900/1900/2100 MHz
- Download speeds up to 7.2M bps; Upload speeds up to 5.76M bps
- Circuit-switched data up to 14.4K bps
- USB Bus powered with Windows 2008/XP/Vista/Windows 7 and Linux 2.6.18 or later
- USB 2.0 compliant
- SMA antenna connector(s) and SIM socket
- Desktop or panel mounting
- FCC, Industry Canada, PTCRB and R&TTE certified
- Two-year warranty

MultiTech®
Systems

Highlights

Applications. The MultiModem Cell cellular modem is ideal for automated machine-to-machine applications such as remote diagnostics and remote monitoring which periodically need to send or receive data over a wireless network.

Reduces Development Time. The MultiModem Cell cellular modem can make your existing and next generation device communication-ready without requiring any hardware changes to its design. It provides faster time-to-market because it relieves the burden and expense of obtaining RF and carrier approvals. This complete, ready-to-deploy cellular modem allows you to enhance your product while you focus on developing its core features.

Compatible Supplementary Services. The MultiModem Cell cellular modem is compatible with supplementary services such as call forwarding, call barring, multiparty, call waiting and call hold, calling line identification, closed user group and call transfer.

Management Features. The MultiModem Cell cellular modem provides advanced management features including phone book management, fixed dialing number, real time clock and alarm management.

Comprehensive Service and Support. The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes technical support, 24-hour web site and ftp support.

Specifications

General Features
Quad-band GSM/GPRS/EDGE/HSPA

Packet Data Features
7.2M bps max. download, 5.76M bps max. upload

Frequency Bands
3G: 850/900/1900/2100 MHz
2G: 850/900/1800/1900 MHz

Circuit Switched Data
Up to 14.4K bps

Connectors
RF Antenna: 50 ohm SMA female
Power: USB powered
SIM: Standard 1.8V & 3V SIM receptacle
USB: USB Type B

Power Requirements
Bus powered

Physical Description
2.89" L x 4.75" W x 1.59" H 0.4 lbs
(7.34 cm w x 12.07 cm h x 4.04 cm d) 0.2 kg

Operating Environment
+14° to +131° F (-10° to +55° C)

Certifications
CE Mark, R&TTE
EMC Compliance: FCC Part 15 Class B
Radio Compliance: FCC Part 22, 24; EN 55022 Class B;
EN 55024; RSS 132, 133
Safety: UL 60950-1; cUL 60950-1; IEC 60950-1
Network: PTCRB
RoHS compliant

Ordering Information

Product	Description	Region
MTCBA-H3-U1	Quad-band HSPA Modem (USB interface)	Regional

Produced in the US of US and non-US components.

Features and specifications are subject to change without notice.

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