MultiModem® CDMA

Cellular Modem

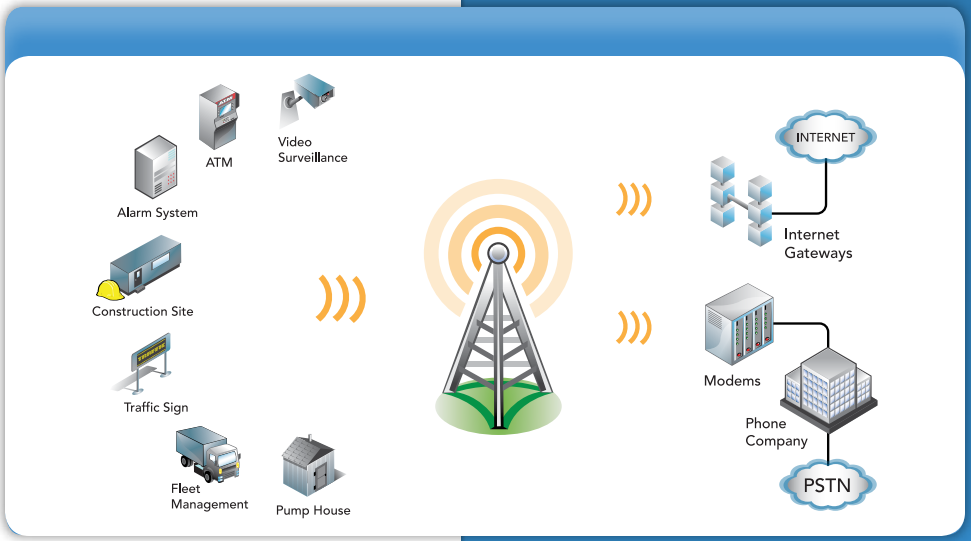
The MultiModem® CDMA cellular modem offers standards-based dual-band CDMA2000 1xRTT performance. This ready-to-deploy, standalone modem provides wireless data communication and integrates seamlessly with virtually any application. It is available with an RS-232 interface to cover your application needs. The MultiModem CDMA cellular modem is based on industry-standard open interfaces and can be desktop or panel mounted.

Features

- CDMA2000 1xRTT
- Dual-band 800/1900 MHz CDMA
- Supports Short Message Service such as text, UCS-2, point-to-point (MT/MO) and cell broadcast
- Available with RS-232 interface
- Packet data up to 153.6K bps
- Circuit-switched data up to 14.4K bps
- IS-95A, IS-95B backwards compatible
- SMA antenna connector
- Configured using CDMA AT commands
- Multiple LEDs provide ongoing operational status
- Over-the-Air activation
- Desktop or panel mounting
- CDG 1 and 2 certified
- Two-year warranty

Benefits

- Rugged industrial chassis
- RS-232 interface
- Carrier approved



Specifications

Packet Data Features
CDMA2000 1xRTT, up to 153.6K bps forward & reverse
Dual-band 800/1900 MHz
Circuit Switched Data
IS-95A, IS-95B up to 14.4K bps forward & reverse
SMS Features
Text, UCS-2, Point-to-Point (MO/MT), cell broadcast
Connectors
RF Antenna: 50 ohm SMA female
Power: 2.5mm miniature screw
RS-232: DE-15 female
Power Requirements
9V to 32VDC
Operating System Support
Windows XP/2003/Vista/2008/7 (32-bit/64-bit)
Linux
Physical Description
4.3" w x 2.4" d x 0.94" h 0.4 lbs
(11 cm w x 6.1 cm d x 2.4 cm h) 0.2 kg
Environment
Operating: -22° to +158° F (-30° to +70° C)
Storage: -40° to +185° F (-40° to +85° C)
Humidity: 20% to 90% RH noncondensing
Approvals
EMC Compliance: FCC Part 15 Class B
Radio Compliance: FCC Part 22, 24; RSS 132,133
Safety: UL 60950-1; cUL 60950-1; IEC 60950-1
Network: CDG 1&2

Ordering Information

Product	Description	Region
MTCBA-C1X*	800/1900 MHz CDMA Modem	Regional
Ordering Codes		
-N2	For Sprint Networks (USA)	
-N3	For Verizon Wireless Networks (USA)	
-N16	For Aeris Communications Networks (USA)	
-NAM	Includes US Style Power Plug	

* Use ordering codes for specific build options. Go to www.multitech.com for detailed product model numbers.

Services & Warranty

Multi-Tech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations. Products include a 2-year warranty that can be extended up to 5 years via Multi-Tech's Extended Warranty program, which offers the convenience of Overnight Service* for optimal uptime.

Extended Warranty & Overnight Services

To give you peace-of-mind and protect your investment, our Extended Warranty Service Plans ensure your Multi-Tech products are covered for 1, 2, or 3 years beyond the manufacturer's warranty with an optional Overnight Service plan*.

Installation Support

Multi-Tech's Installation Support Service delivers priority service with the ability to work one-on-one with an experienced Multi-Tech technical support engineer, to guide you through the installation process for our products.

Technical Support Services

At Multi-Tech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your Multi-Tech representative or visit www.multitech.com/support.go.

* Overnight replacement service is currently available for U.S. customers.

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Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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