

MultiConnect® Cell 100 Series



CDMA Cellular Modems

The MultiConnect® Cell CDMA cellular modems are a part of Multi-Tech's comprehensive line of modems for M2M (machine-to-machine) communications. All MultiConnect Cell modems are fully certified and carrier approved, so you can get to market extremely fast, allowing customers to start obtaining the benefits of M2M.

Designed specifically for M2M applications, they provide a long, stable lifecycle and are durable, reliable and easy to deploy. In addition, the MultiConnect Cell is available with several different interface options to cover a variety of application needs.

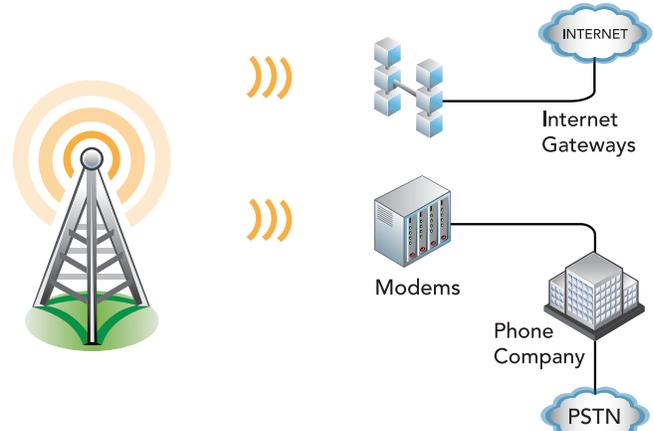
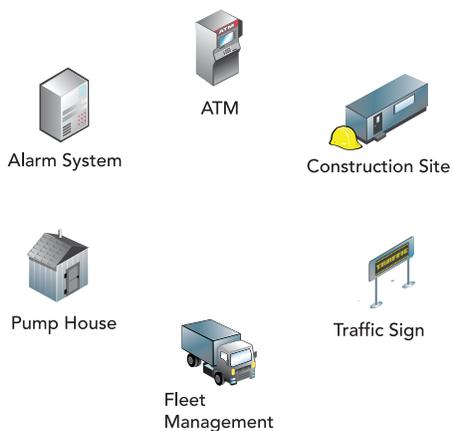
Features

- 2G CDMA models available
- Models with USB interface
- Models with RS-232 interface
- Configured using AT commands
- Fully certified
- Carrier approved
- Two-year warranty



Benefits

- Quick deployments to shorten time to market
- Long and stable life cycles
- Certified and Carrier approved



Specifications

Model	MTC-C2
Performance	1xRTT
Frequency Band	Dual-band 800/1900 MHz
Packet Data*	Up to 153.6 Kbps forward and reverse
Circuit Switched Data	N/A
SMS	Text & PDU, Point-to-Point
Operating System Support	Windows XP/2003/Vista/7/2008/2007 (32-bit/64-bit) Linux (2.6.28 or greater)
Power Requirements	
Voltage	USB powered (USB models) 7 - 32 VDC (RS-232 models)
Connectors	
RF Antenna	50 ohm SMA (female connector)
SIM	N/A
USB	Type B mini
RS-232	DE9
Power	2.5 mm miniature (screw-on) (RS-232 models)
Physical Description	
Physical Dimensions (L x W x H)	3.17" x 2.45" x 1.16" (8.05 cm x 6.22 cm x 2.95 cm)
Physical Weight	0.65 lbs (0.295 Kg)
Chassis Type	Aluminum
Environmental	
Operating Temperature**	-40° to 185° F (-40° to 85° C)
Storage Temperature	-40° to 185° F (-40° to 85° C)
Humidity	Relative humidity 20% to 90% noncondensing
Certifications	
EMC Compliance	FCC Part 15
Radio Compliance	FCC Part 22, 24
Safety	UL/cUL 60950-1 2nd Ed, IEC60950-1 2nd Ed am.1

* Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.

** UL Listed @ 40°C, limited by power supply. UL Certification does not apply or extend to an ambient above 40°C and has not been evaluated by UL for ambient greater than 40°C. "UL has evaluated this device for use in ordinary locations only. Installation in a vehicle or other outdoor locations has not been evaluated by UL. UL Certification does not apply or extend to use in vehicles or outdoor applications or in ambient above 40°C." (Note applicable to models that include power supply only)

Highlights

Applications

The MultiConnect Cell cellular modems are 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.

Comprehensive Service and Support

The Multi-Tech commitment to service means we provide a two year product warranty and service that includes free technical support, 24 hour website, and FTP support.

Ordering Information

Product	Description	Bundle Available	Interface	Region
MTC-C2-B06-Nx	1xRTT Cellular Modem	Yes	RS-232	Regional
MTC-C2-B08-Nx-KIT*	1xRTT Cellular Modem	Yes	USB	Regional

* USB models do not have an unbundled version.

Bundle Ordering Codes

Bundles include the following:

-US	Includes US style power plug, power supply, antenna, and RS-232 cable (RS-232 models only)
-KIT	Includes antenna and USB cable (USB models only)

Carrier Ordering Codes

Nx signifies the specific Carrier that the product is approved for.

-N2	For Sprint Networks (USA)
-N3	For Verizon Wireless Networks (USA)
-N16	For Aeris Communications Networks (USA)

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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