MULTITECH®
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QuickCarrier® USB-D
USB Cellular Modems now supporting LPWA LTE Cat M1

The QuickCarrier® USB-D USB cellular modem is designed and built for M2M (machine-to-machine) applications. That means it is built for long life while delivering reliable data connectivity. The QuickCarrier USB-D is designed for quick implementation of cellular technology – allowing customers to easily connect their devices to the internet.

FEATURES
· Internal antenna
· 4G Cat M1 and 3G Models
· Short Message Services (SMS)
· SSL/TLS support
· Drivers for Windows® and Linux
· AT command compatible
· Two-year warranty, upgradable to five years

BENEFITS
· Quick deployments to shorten time to market
· Long and stable life cycles
· Certified and carrier approved

Your Equipment

Insight + Action + Control

ATM

Application Example

Send + Receive

Wireless Service Provider

Asset Management Platform

Real-Time Management

Alerts

Email

SMS

Reports

www.multitech.com/qcusb-d

SPECIFICATIONS

Model	MTD-MNA1	MTD-H5-2.0
Performance	LTE Cat M1	HSPA+
Frequency Band (MHz)	AT&T: 3GPP Rel. 13, B2 (1900), B4 (AWS 1700), B12 (700) Verizon: B4 (AWS 1700), B13 (700)	3G: Hepta-band (800/850/900) (AWS 1700/ 1900/2100) 2G: Quad-band (850/900/ 1800/1900)
Packet Data*	Up to 300 Kb/s Downlink Up to 375 Kb/s Uplink	Up to 21.0 Mbps downlink Up to 5.76 Mbps uplink
SMS	Point-to-Point Messaging, Mobile-Terminated SMS, Mobile-Originated SMS	
USB	USB 2.0 High Speed Compatible	
IP Protocols	TCP/UDP/FTP/SMTP	
Operating Voltage	5V via USB Bus	
Connectors		
SIM Connector	Mini SIM (2FF); 1.8 and 3V	
Physical Description		
Dimensions (L x W x H)	3.1" x 1.58" x 0.74" (7.87 cm x 4.01 cm x 1.88 cm) Includes 7" (17.3 cm) integrated USB cable	
Weight	0.22 lb (0.1 Kg)	
Chassis Type	Plastic	
Environmental		
Operating Temperature	-40° to +122° F (-40° to +50° C)	
Storage Temperature	-40° to +185° F (-40° to +85° C)	
Humidity	Relative humidity 15% to 93% noncondensing	
Certifications		
Regulatory	FCC Class B (US), IC (Canada)	FCC Part 15 Class B, IC, RED, RCM, IFETEL
Safety	UL 60950-1	UL60950-1, cUL60950-1, IEC60950-1
Network	PTCRB AT&T, Verizon	AT&T, T-Mobile, Rogers, Bell

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

HIGHLIGHTS

Applications

LTE Cat M1 represents a step forward in the low-speed branch of LTE and a critical feature for the QuickCarrier USB-D. LTE Cat M1 will focus exclusively on low throughput IoT or M2M applications which require low-cost, low-power consumption and a long-lifecycle. 3G models of the QuickCarrier USB-D will continue supporting applications such as remote video surveillance, multimedia POS as well as other data-intensive applications.

M2M Design

The QuickCarrier USB-D is specifically designed for M2M customers. Many cellular dongles available today are designed and built with consumers in mind. Consequently, the modem is constantly undergoing change. For M2M applications this is extremely troublesome. The QuickCarrier USB-D delivers reliable LTE Cat M1 and 3G connectivity in a platform customers can depend on.

ORDERING INFORMATION

Product	Description	Region
MTD-MNA1	LTE Cat M1 USB Cellular Modem (AT&T/Verizon)	US

GSM Products

Product	Description	Region
MTD-H5-2.0	HSPA+ USB Modem	Global

Go to www.multitech.com for detailed product model numbers.

SERVICES & WARRANTY

MultiTech'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.

INSTALLATION SUPPORT

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

TECHNICAL SUPPORT SERVICES

At MultiTech, 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 MultiTech representative or visit www.multitech.com/support.go

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