

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



Wireless Service Provider



Asset Management Platform



Insight + Action + Control

Real-Time Management



Alerts



Reports



SPECIFICATIONS

Model	MTD-MAT1	MTD-MVW1	MTD-H5-2.0	MTD-EV3
Performance	LTE Cat M1	LTE Cat M1	HSPA+	EV-DO
Frequency Band (MHz)	3GPP Rel. 13 B2 (1900) B4 (AWS 1700) B12 (700)	3GPP Rel. 13 B4 (AWS 1700) B13 (700)	3G: Hepta-band (800/850/900) (AWS 1700/ 1900/2100) 2G: Quad-band (850/900/ 1800/1900)	Dual-band (800/1900)
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	Up to 3.1 Mbps downlink Up to 1.8 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			N/A
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 Class B (US)	FCC Part 15 Class B, IC, RED, RCM, IFETEL	FCC Part 15 Class B
Safety	UL 60950-1		UL60950-1, cUL60950-1, IEC60950-1	UL60950-1
Network	PTCRB AT&T, T-Mobile	Verizon	AT&T, T-Mobile, Rogers, EU Carrier, Bell	Verizon, Sprint, Aeris

* 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-MAT1	LTE Cat M1 USB Cellular Modem (AT&T/PTCRB)	US
MTD-MVW1	LTE Cat M1 USB Cellular Modem (Verizon)	US

GSM Products

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

CDMA Products

Product	Description	Region
MTD-EV3-N2	EV-DO USB Modem for Sprint Networks	US
MTD-EV3-N3	EV-DO USB Modem for Verizon Wireless Networks	US
MTD-EV3-N16	EV-DO USB Modem for Aeris Networks	US

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

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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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.

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TECHNICAL SUPPORT SERVICES

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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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