

Dual Carrier Firmware for Cellular Radio

This device uses a cellular radio with dual firmware meaning that it can be used on two different carrier networks (not simultaneously). The device can be used on either the Verizon or AT&T/other networks. The device is configured for AT&T/others by default.

To check that your device is configured for the desired network:

AT#FWSWITCH?

- If response is: #FWSWITCH: 0 The device is configured for AT&T/other networks.
- If response is: #FWSWITCH: 1 The device is configured for Verizon.

To switch carrier networks:

- From AT&T to Verizon: AT#FWSWITCH=1,1
- From Verizon to AT&T: AT#FWSWITCH=0,1

Powering Off or Rebooting the Device

To power off your device:

1. If you are in a data session, terminate it.
2. Send AT#SHDN command to shut down the modem.
3. Wait for 10 seconds.
4. Power off computer or unplug the device.

Note: If you need to reboot the device, use the AT+CFUN=4 command. Wait 60-70 seconds for the MTD software to restart the device.

Turning the Device On

This USB-powered device does not have a power button. Connecting the device to a computer's USB port turns it on.

After plugging in the device, wait at least 10 seconds for it to initialize and register with the carrier network. If you are looking at the device, the Link LED remains off even though power is present.

Safety and Regulatory Information

Basic regulatory information is included in the Activation, Support, and Regulatory Information. For additional regulatory information, refer to the User Guide.

QuickCarrier® USB-D Cellular Dongle MTD-MNA1 Quick Start

Part Number: 82103251L

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QuickCarrier® USB-D Cellular Dongle Cat M1 MTD-MNA1 Quick Start



Overview

The QuickCarrier® USB-D is an industrial-grade USB cellular dongle that easily enables machine-to-machine M2M communications with AT&T and Verizon networks.

Note: Check for an updated version of this document at <http://www.multitech.com/brands/quickcarrier-usb-d>.

Package Contents

Your device ships with the following:

Item	Description
Device Name	1- QuickCarrier USB-D Cat M1
Documents	1 - Quick Start Guide, 1 - Warranty Plans, 1 - Activation, Support & Regulatory Information

Additional Information

The following documentation is available on the MultiTech website at <http://www.multitech.com/brands/quickcarrier-usb-d>.

Document	Description	Part Number
QuickCarrier USB-D Cat M1 MTD-MNA1 User Guide	Includes specifications, safety and regulatory information, and basic operations steps.	S000710
USB Driver Installation Guide	Instructions for installing USB drivers.	S000616
Telit ME910C1, AT Commands Reference Guide	AT commands and parameters used to configure your device.	80529ST10815A

Dimensions

The dimensions are 10.10 inches x 1.575 inches x 0.740 inches (256 mm x 40.01 mm x 18.80 mm).

Connectors

5 VDC **USB** 2.0 connector with 7 inch integrated cable

LED Descriptions

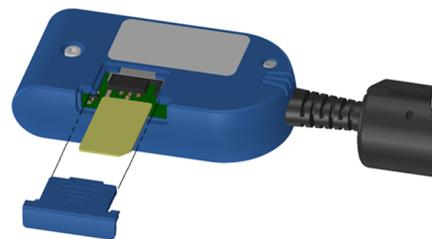
- **Link LED** - The Link LED indicates that power is present when continuously lit and the device is registered on the network when blinking.
- **Signal LEDs** - Signal strength LEDs are not pre-programmed. Use the AT#GPIO command to program these LEDs. For details, refer to the AT Commands Reference Guide.

SIM Cards

To use this device, you need a Cat M1 compatible mini SIM (2FF) card from your network provider. You will need to provide your provider with the device's unique 15-character IMEI number located on the product label and the modem model number, MTD-MNA1.

Installing a SIM Card

Warning: If the device is connected to a computer or power supply, disconnect it. Inserting or removing a SIM card with the device powered may harm the SIM card and the device.



To install the SIM:

1. Remove the SIM cover from the back of the device. If you have trouble sliding the SIM cover, use a flat-blade screwdriver in the slot on the SIM cover to slide it out.
2. Insert the SIM card into the card holder with the gold contact side facing down as shown.

3. Verify that the SIM card fits into the holder properly and replace the cover.

Downloading the Driver

To download the required driver.

- Go to the device page : <http://www.multitech.com/brands/quickcarrier-usb-d> on multitech.com. Select your model and click on Downloads. Download the driver for your device by clicking on the link.

Getting Started

1. Insert the USB connector of the MTD into a computer or similar device. Allow 10 seconds for the device to power up and establish signal.
2. Open a terminal emulator program in order to communicate with the device. If Verizon is your carrier, configure the device for the Verizon network as described in *Dual Carrier Firmware for Cellular Radio*.
3. If you are not on the Verizon network, program your network provider's Access Point Name (APN) into the device. To do this, issue:
`AT+CGDCONT=1,"IPV4V6","APN_Name"`
 (where APN_Name is the APN provided by your network provider)

Your device should now be activated on the carrier's network and ready for use. To check operation issue the command: AT+CEREG? The modem should respond with +CEREG: 0,1 showing registration.

For basic device operations, refer to the User Guide.