

MC100W

# QUICK START GUIDE



## What's In The Box



Quick Start Guide



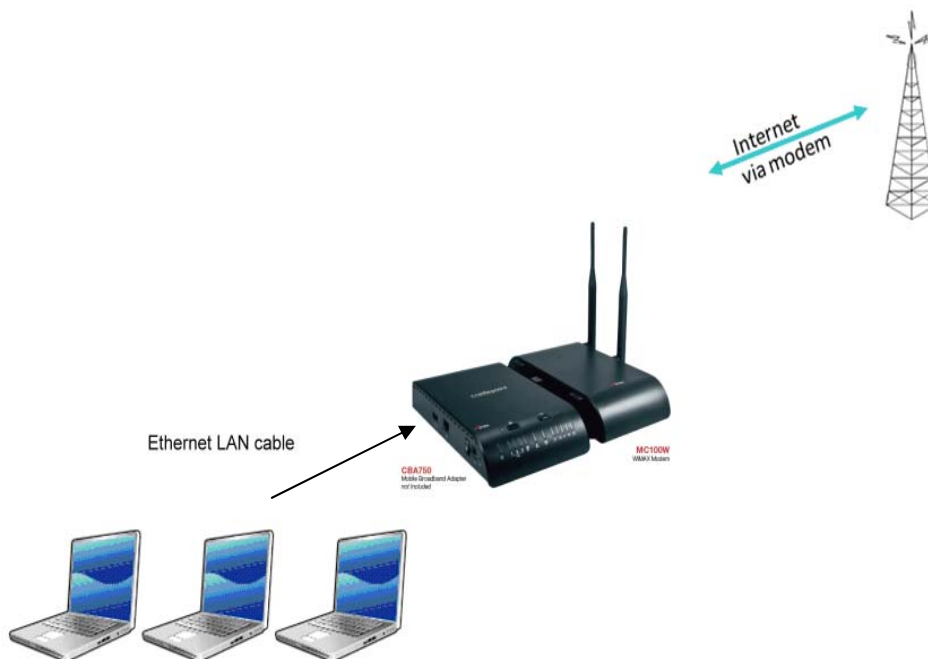
for full technical support, register your product:  
[www.cradlepoint.com/register](http://www.cradlepoint.com/register)

for additional information, visit:  
[knowledgebase.cradlepoint.com](http://knowledgebase.cradlepoint.com)

## Overview

MC100 W Modem is a USB dongle with an embedded 4G WiMAX modem. Support CBA750 serial product thought Mustang connect to 4G internal.

In combination with supported CradlePoint routers and adapters, the MC100W modem provides your business with fully-integrated 4G/WiMAX internet access. This secure, theft-deterrent solution keeps your locations on-line with the benefit of WiMAX internet speeds.



## SETTING UP THE ROUTER

- 1 ) Turn off the power on a compatible CradlePoint base device, such as a CBA750.  
Note: The MC100W is designed to be used only with CradlePoint devices.
- 2 ) Align the MC100W USB connector with the appropriate USB port on the CradlePoint base device.
- 3 ) Connect the MC100W to the base device, pressing on both the cap and device.
- 4 ) Turn on the power to the CradlePoint base device. Confirm the appropriate USB light illuminates on the device.

With WiMAX signal coverage, you're now ready to access the internet!



# ADDING/UPDATING the 4G/WiMAX DRIVER

In order to connect a MC100W WIMAX modem, you may need to install a specific modem driver on the CradlePoint base device.

- 1) Navigate to CradlePoint's support page at: <http://www.cradlepoint.com/support/>
- 2) Select your product from the list and download the given WiMax modem file.
- 3) Connect a computer to the device via Wi-Fi or an Ethernet cable.
- 4) Log into the device's administration settings by typing <http://192.168.0.1> in the browser address bar.
- 5) Select TOOLS on the top navigation tab, then FIRMWARE in the left menu.
- 6) In the MANUALLY UPGRADE WIMAX MODEM DRIVER FILE section, click BROWSE.
- 7) Browse to the previously downloaded file, then click OPEN.
- 8) Click the UPLOAD button and wait a few seconds while your modem driver is updated.

The screenshot displays the CradlePoint Technology administration interface. The top navigation bar includes tabs for BASIC, ADVANCED, MODEM, TOOLS (selected), STATUS, and HELP. A left-hand menu lists various system settings, with FIRMWARE highlighted. The main content area is divided into several sections:

- FIRMWARE:** Contains instructions to use the Firmware section to install the latest firmware. It includes a 'Check Online Now for Latest Firmware Version' button and 'Save Settings' / 'Don't Save Settings' options.
- FIRMWARE INFORMATION:** Shows 'Current Firmware Version: 3.6.9' and 'Current Firmware Date: 2010/03/04'. A 'Check Online Now for Latest Firmware Version' button is present.
- MANUALLY UPGRADE FIRMWARE:** Includes a note about resetting configuration options to factory defaults before upgrading. It features an 'Upload Firmware' field with a 'Browse...' button and an 'Upload' button.
- MANUALLY UPGRADE WIMAX MODEM DRIVER FILE:** Includes a note that this upgrade will remove the previous WIMAX modem driver file. It shows 'WIMAX Modem Driver Version: 5.2.206' and an 'Upload WIMAX Modem Driver File' field with a 'Browse...' button and an 'Upload' button.
- FIRMWARE UPGRADE NOTIFICATION OPTIONS:** Contains two checkboxes: 'Automatically Check Online for Latest Firmware Version' (checked) and 'Email Notification of Newer Firmware Version' (unchecked).

At the bottom, there is a copyright notice: 'Copyright © 2010 CradlePoint, Inc. All rights reserved.' and the wipipe logo.

# WARRANTY INFORMATION

CradlePoint, Inc. warrants this product against defects in materials and workmanship to the original purchase (or the first purchaser in the case of resale by an authorized distributor) for a period of one (1) year from the date of shipment. This warranty is limited to a repair or replacement of the product, at CradlePoint's discretion.

Within thirty (30) days of receipt should the product fail for any reason other than damage due to customer negligence, purchaser may return the product to the point of purchase for a full refund of the purchase price.

If the purchaser wishes to upgrade or convert to another CradlePoint, Inc. product within the thirty (30) day period, purchaser may return the product and apply the full purchase price toward the purchase of the other product. Any other return will be subject to CradlePoint, Inc.'s existing return policy.

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# WiMAX REGULATORY STATEMENTS

## Federal Communication Commission Interference Statement



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

FCC Caution: Any changes or modifications not expressly approved by CradlePoint, Inc. could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### IMPORTANT NOTE:

#### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Due to the essential high output power natural of WiMAX device, use of this device with other transmitter at the same time may exceed the FCC RF exposure limit and such usage must be prohibited (unless such co-transmission has been approved by FCC in the future).