**MTE2-L12G2 Firmware Release Notes**

**Version v3.10 (December 5, 2024)**

**OVERVIEW**

These release notes provide a cumulative changelog and overview for firmware used on MultiConnect eCell Series Cellular Routers. Detailed information is listed in reverse chronological order, starting with the most recent firmware release. The latest firmware version includes new enhancements and bug fixes.

For more product information, visit website:

[MultiConnect® eCell MTE2-L12G2-B07-US (multitech.com)](https://multitech.com/product/multiconnect-ecell-mte2-l12g2-b07-us/)

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**FIRMWARE UPDATE PROCESS**

**Follow these Steps to perform firmware upgrade:**

* Login into the Web UI
* Click on System Related -> System Tools -> Firmware Upgrade
* Click on Choose File button and select the firmware BIN file.
* Click on the Upgrade button.

**DO NOT INTERRUPT AND DO NOT POWER CYCLE DURING THE FIRMWARE UPGRADE PROCESS. THE UPGRADE PROCESS WILL TAKE AT LEAST 5 MINUTES TO COMPLETE**

After firmware upgrade is successful, Login into the Web UI and make sure it displays the correct firmware version number you just upgraded.

In case there are any issues, press and hold the reset button for minimum 20 seconds to reset the device back to factory default settings.

**FIRMWARE VERSION V3.10( December 5, 2024)**

**Firmware file name and MD5 checksum:**

**Filename = 20241205\_MultiTech\_MTE2-L12G2\_v3.10**

**MD5 checksum = 1719e8f6949f883dd38fa358f49cf772**

**This is the formal release of the 3.09x developements**

**FIRMWARE VERSION V3.09b03 (December 03, 2024)**

**Firmware file name and MD5 checksum:**

**Filename = 20241203\_MultiTech\_MTE2-L12G2\_v3.09b03.bin**

**MD5 checksum = de4b6e5f6f0313788b048380979f6a35**

**Enhancements:**

**1.The remote PC can SSH MTE2 when IP Passthrough mode enable.**

**2.Support CLI command**

**a.status 0 db\_sysinfo ?**

**b.sysrelated 0 fw\_version ?**

**c.sysrelated 0 model\_name ?**

**d.sysrelated 0 device\_serial\_number ?**

**e.status 1 wiface\_ipv4 ?**

**f.status 1 3g\_service ?**

**g.3g-diagnostic status 0**

**Bug fixes:**

1. **Fixed CLI command("3g-diagnostic status 0") that PCI value be reported as blank, or incorrect.**
2. **Fixed when eCell is in IP pass-through mode, and SSH over WAN enabled, DUT changed WAN APN setting that caused SSH over WAN disabled.**

**FIRMWARE VERSION V3.09 (April 2024)**

**Firmware file name and MD5 checksum:**

Filename = 20240424\_MultiTech\_MTE2-L12G2\_v3.09.bin

MD5 checksum = 6b5bdf3dca405a1fe2cecb07d8316039

**Enhancements:**

* Provide CLI commands to enable / disable HW NAT feature to be compatible with eNB when performing download throughput test over cellular CBRS network.

**Bug Fixes:**

* Fixed ARP compatibility issues when using some Ethernet controller in IP passthrough mode.

**FIRMWARE VERSION V3.08 (May 2022)**

**Firmware file name and MD5 checksum:**

Filename = 20220525\_MultiTech\_MTE2-L12G2\_v3.08.bin

MD5 checksum = e0ba8910c4a057b13cfd8b36348cb9d1

**Enhancements:**

* Added - remove WAN dialup options in Web UI that are no longer needed
* Added - show DeviceHQ check in status with Succeed or Failed in Web UI
* Added - support radio firmware DFOTA update via DeviceHQ. Radio firmware version must be at least version A13
* Added - improve reconnect timeout after adnormal cellular disconnect
* Added - radio logging tool for debugging
* Added - increase log file size
* Added - DeviceHQ checkin every 7 days
* Added - iperf3 tool

**Bug Fixes:**

* Fixed - CVE-2022-0778 security issue about openssl
* Fixed - extended network registration check timeout to 90 seconds (only if running firmware version v3.06)
* Fixed - web UI display incorrect cellular ID
* Fixed - DHCP DNS setting in web UI
* Fixed - command line to perform firmware and configuration file update
* Fixed - IP passthrough when cellular assigned IP ended with .0 or .255
* Fixed - Integer overflow issue in cellular Data Usage / Data Allowance

# ADDITIONAL INFORMATION

**Product:**

Visit [www.multitech.com/brands/multiconnect-rcell-500-series](http://www.multitech.com/brands/multiconnect-rcell-500-series)

**Support:**

Visit <https://support.multitech.com/>to create a support case.

**DeviceHQ,** Cloud-based IoT Device Management

Login: <https://www.devicehq.com/sign_in>

**MultiTech Developer Resources** [www.multitech.net](http://www.multitech.net/)

An open environment where you can ask development related questions and hear back from MultiTech engineering or a member of this community.

**Knowledge Base** <http://www.multitech.com/kb.go>

Immediate access to support information and resolutions for all MultiTech products.

**MultiTech Support Portal** [support.multitech.com](https://support.multitech.com/)

Create an account and submit a support case directly to our technical support team.

**MultiTech Website** [www.multitech.com](http://www.multitech.com/)

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