

Product Bulletin

MultiTech Introduces 4G LTE Category 4 MultiConnect® rCell 100 Series Cellular Routers



Date: August 28, 2019

I. Summary

Industrial IoT and M2M applications are becoming increasingly dependent on the fastest 4G-LTE data speeds in order to enable intelligence at the edge and support service level commitments to customers. With that in mind, MultiTech introduces a new addition to the MultiConnect® rCell 100 Series cellular routers. The newest models now offer 4G-LTE Category 4 support for Europe and North America.

For customers in North America, the new 4G-LTE Category 4 models simplify the supply chain management, as one single model number now supports both AT&T and Verizon wireless networks. Combining this simplicity with the powerful Category 4 speeds creates significant value while maximizing overall cost of ownership.

Customers currently using a MultiTech 4G-LTE Category 3 MultiConnect rCell 100 Series cellular routers should work with their MultiTech sales representative to understand the approaching **Key Dates** and **Last-Time-Buy** requirements.

For more detailed information or list of specifications, please refer to www.multitech.com or contact your MultiTech sales representative.

Contents:

- I. [Summary](#)
- II. [Suggested Action Plan](#)
- III. [Product Description](#)
- IV. [Product Comparison](#)
- V. [New Ordering Part Numbers](#)
- VI. [Cross Reference](#)
- VII. [Category 3 Information](#)
- VIII. [Warranty and Support](#)
- IX. [Additional Information](#)

II. Suggested Action Plan

Customers who are interested in learning more about the LTE Category 4 MultiConnect rCell cellular routers should review this document and learn more about the advantage of transitioning to a LTE Category 4 solution.

- Forward this announcement to others within your organization who are actively involved in the sale or support of cellular routers.
- Contact your MultiTech sales representative to purchase a sample device for evaluation and qualification.
- Use the [MultiTech Support Portal](#) to ask technical questions and work directly with the support team.

III. Product Description

The [MultiConnect rCell](#) is a compact, intelligent and fully-featured communications platform that provides cellular capabilities for fixed and mobile applications. It is intended for use in settings such as:

- Remotely monitoring solar micro-inverters, tanks, pipelines, meters, pumps and valves in any energy, utility, or industrial application.
- The MultiConnect rCell 100 Series family has also been successfully deployed by professionals in emergency services, vending, remote patient monitoring, renewable energy systems, process automation and mobile applications (truck, rail, and boat).

IV. Product Comparison

The new MultiConnect rCell 100 Series cellular routers include the following enhancements:

- New 4G-LTE Category 4 cellular routers
- In North America, one ordering part number for both AT&T and Verizon Wireless networks
- Higher peak downlink data rates

MTR-LEU7 Models (Europe)

Bands supported with the new European 4G-LTE Category 4 (-LEU7 models):

4G LTE FDD: 4G-LTE Bands Supported: 1, 3, 7, 8, 20 and 28A

3G WCDMA: 3G-LTE Bands Supported: 1 and 8

2G GSM: 2G-LTE Bands Supported: 3 and 8

	4G-LTE Category 4 Europe (-LEU7 Models)	4G-LTE Category 3 Europe (-LEU1 Models)
Cellular Performance	4G - LTE Category 4	4G - LTE Category 3
Cellular Fallback	3G - HSPA+ 2G - GPRS	3G - HSPA+ 2G - GPRS
Frequency Bands (MHz)	4G: B1(2100), B3(1800), B7(2600), B8(900), B20(800), B28A(700) 3G: B1(2100), B8(900) 2G: B3(1800), B8(900)	4G: B3(1800), B7(2600), B20(800) 3G: B1(2100), B5(850), B8(900) 2G: B3(1800), B8(900)
Packet Data (LTE FDD)	Up to 150 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink
mPower™ Firmware Support	MTR 5.0.0 ⁽¹⁾	MTR 5.0.0 MTR 4.1.0 MTR 4.0.5 MTR 3.4.5 ⁽²⁾

- (1) MTR-LEU7-XX models contain MTR firmware version 5.0.0. It is recommended that customers who are using earlier versions of MTR firmware should review the [Software Release Notes](#) before downloading the latest firmware version.
- (2) To install the 5.0.0 upgrade your device must have software (SW) version 3.4.5 or higher. If lower, please, install 3.4.5 before loading SW version 5.0.0

MTR-LNA7 Models (North America)

Bands supported with the new North American 4G-LTE Category 4 (-LNA7 models):

4G LTE FDD: AT&T, Verizon 4G-LTE Bands Supported: 2, 4, 5, 12, and 13

3G WCDMA: AT&T, Verizon 3G-LTE Bands Supported: 2, 4, and 5

	4G-LTE Category 4 AT&T/Verizon (-LNA7 Models)	4G-LTE Category 3 AT&T (-LAT1 Models)	4G-LTE Category 3 Verizon (-LVW2 Models)
Cellular Performance	4G - LTE Category 4	4G - LTE Category 3	4G - LTE Category 3
Cellular Fallback	3G - HSPA+ (AT&T only)	3G - HSPA+, 2G - GPRS	No Fallback
Frequency Bands (MHz)	4G: B2(1900), B4(AWS1700), B5(850), B12(700), B13(700 MHz), 3G: B2(1900), B4(AWS1700), B5(850)	4G: B2(1900), B4(AWS1700), B5(850), B17(700) 3G: B2(1900), B5(850) 2G: B2(1900), B5(850)	4G: B4(AWS1700), B13(700)
Packet Data (LTE FDD)	Up to 150 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink	Up to 100 Mbps peak downlink Up to 50 Mbps peak uplink
mPower™ Firmware Support	MTR 5.0.0 ⁽¹⁾	MTR 5.0.0 MTR 4.1.0 MTR 4.0.5 MTR 3.4.5 ⁽²⁾	MTR 5.0.0 MTR 4.1.0 MTR 4.0.5 MTR 3.4.5 ⁽²⁾

- (1) MTR-LNA7-XX models contain MTR firmware version 5.0.0. It is recommended that customers who are using earlier versions of MTR firmware should review the [Software Release Notes](#) before downloading the latest firmware version.

- (2) To install the 5.0.0 upgrade, your device must have software (SW) version 3.4.5 or higher. If lower, please, install 3.4.5 before loading SW version 5.0.0.

V. New Ordering Part Numbers

New Ordering Part Number	Description	Region
MultiConnect® rCell 100 Series Cellular Routers		
MTR-LEU7-B07	LTE Cat 4 Router with Fallback, without Accessories (Europe)	Europe/GB
MTR-LEU7-B07-EU-GB	LTE Cat 4 Router with Fallback, with EU/UK Accessory Kit (Europe) Accessory kit includes: power supply with EU and UK power blades, (2) cellular antennas and Ethernet cable.	Europe/GB
MTR-LEU7-B10	LTE Cat 4 Router with Fallback and Wi-Fi/BT/GPS, without Accessories (Europe)	Europe/GB
MTR-LEU7-B10-EU-GB	LTE Cat 4 Router with Fallback and Wi-Fi/BT/GPS, with EU/UK Accessory Kit (Europe) Accessory kit includes: power supply with EU and UK power blades, cellular antenna, magnetic GPS antenna, Wi-Fi antenna and Ethernet cable.	Europe/GB
MTR-LNA7-B07	LTE Cat 4 Router with Fallback, without Accessories (AT&T/Verizon)	US/Canada
MTR-LNA7-B07-US	LTE Cat 4 Router with Fallback and US Accessory Kit (AT&T/Verizon) Accessory kit includes: Power supply with US power blade, (2) cellular antennas and Ethernet cable.	US/Canada
MTR-LNA7-B10	LTE Cat 4 Router with Fallback and Wi-Fi/BT/GPS, without Accessories (AT&T/Verizon)	US/Canada
MTR-LNA7-B10-US	LTE Cat 4 Router with Fallback and Wi-Fi/BT/GPS, with US Accessory Kit (AT&T/Verizon) Accessory kit includes: Includes router, US power supply, cellular antenna, magnetic GPS antenna, Wi-Fi antenna and Ethernet cable.	US/Canada

Product specifications are subject to change without notice.

MTR-xx models are encryption items. U.S. Export Administration Regulations have special restrictions on the export of encryption items; please refer to these regulations. Any export of commodities, technology, or software must be exported from the United States in accordance with the Export Administration Regulations. Export or diversion contrary to U.S. law is prohibited.

4G-LTE Category 4 New Ordering Part Numbers

MultiConnect rCell 100 Series (MTR-LEU7-B07 & MTR-LEU7-B10) Europe

Evaluation Samples available in September: Contact a MultiTech sales representative.

Production Quantities: October 2019

MultiConnect rCell 100 Series (MTR-LNA7-B07 & MTR-LNA7-B10) North America

Evaluation Samples available in September: Contact a MultiTech sales representative.

Please specify if testing will be done on the AT&T or Verizon Wireless network.

Production Quantities: October 2019

VI. Cross Reference

NEOL Ordering Part Number	Recommended Replacement New Ordering Part Number	Region
MultiConnect® rCell 100 Series Cellular Routers		
MTR-LEU1-B07	MTR-LEU7-B07 ⁽¹⁾	Europe/GB
MTR-LEU1-B07-EU-GB	MTR-LEU7-B07-EU-GB ⁽¹⁾	Europe/GB
MTR-LEU1-B08	MTR-LEU7-B10 ⁽¹⁾	Europe/GB
MTR-LEU1-B08-EU-GB	MTR-LEU7-B10-EU-GB ⁽¹⁾	Europe/GB
MTR-LAT1-B07	MTR-LNA7-B07 ⁽¹⁾	US/Canada
MTR-LAT1-B07-US	MTR-LNA7-B07-US ⁽¹⁾	US/Canada
MTR-LAT1-B08	MTR-LNA7-B10 ⁽¹⁾	US/Canada
MTR-LAT1-B08-US	MTR-LNA7-B10-US ⁽¹⁾	US/Canada
MTR-LVW2-B07	MTR-LNA7-B07 ⁽¹⁾	US/Canada
MTR-LVW2-B07-US	MTR-LNA7-B07-US ⁽¹⁾	US/Canada
MTR-LVW2-B08	MTR-LNA7-B10 ⁽¹⁾	US/Canada
MTR-LVW2-B08-US	MTR-LNA7-B10-US ⁽¹⁾	US/Canada

(1) MTR-LEU7-xx and MTR-LNA7-xx models include MTR firmware version 5.0.0. It is recommended that customers who are using earlier versions of MTR firmware should review the [Software Release Notes](#) before downloading the latest firmware version.

VII. Category 3 Ordering Part Numbers

The availability of Category 4 ordering part numbers initiates the **Near-End-Of-Life (NEOL)** for the Category 3 ordering part numbers. Contact your MultiTech sales representative to understand these key dates to help ensure an uninterrupted supply of cellular routers to meet your deployment requirements:

Key Dates

4G-LTE Category 3 NEOL Ordering Part Numbers

MultiConnect rCell 100 Series (MTR-LEU1-XX) Europe

Near-End-of-Life (NEOL) Date: August 15, 2019

Last Time Buy Date: While supplies last

Last Ship Date: April 30, 2020 or while supplies last

End-of-Life (EOL) Date: While supplies last

MultiConnect rCell 100 Series (MTR-LAT1-XX & MTR-LVW2-XX) North America

Near-End-of-Life (NEOL) Date: August 15, 2019

Last Time Buy Date: October 31, 2019 or while supplies last

Last Ship Date/End-of-Life (EOL) Date: April 30, 2020 or while supplies last

Last Time Buy Information

By October 31, 2019, submit confirmed order quantities for guaranteed availability with a Non-Cancellable, Non-Returnable (NCNR) order.

Note: All orders placed for products listed in this announcement require an NCNR agreement. Last time ship dates are negotiable with an NCNR agreement. Please contact your MultiTech sales representative for details and a copy of the agreement.

NEOL Ordering Part Numbers

NEOL Ordering Part Number	Description	Region
MultiConnect® rCell 100 Series Cellular Routers		
MTR-LEU1-B07	LTE Cat 3 Router w/o Accessories (Europe)	Europe/GB
MTR-LEU1-B07-EU-GB	LTE Cat 3 Router w/EU/UK Accessory Kit (Europe)	Europe/GB
MTR-LEU1-B08	LTE Cat 3 Router w/GPS w/o Accessories (Europe)	Europe/GB
MTR-LEU1-B08-EU-GB	LTE Cat 3 Router w/GPS & EU/UK Accessory Kit (Europe)	Europe/GB
MTR-LAT1-B07	LTE Cat 3 Router w/Fallback, w/o Accessory Kit (AT&T)	US/Canada
MTR-LAT1-B07-US	LTE Cat 3 Router w/Fallback, w/US Accessory Kit (AT&T)	US/Canada

NEOL Ordering Part Number	Description	Region
MTR-LAT1-B08	LTE Cat 3 Router w/GPS & Fallback, w/o Accessory Kit (AT&T)	US/Canada
MTR-LAT1-B08-US	LTE Cat 3 Router w/GPS & Fallback, US Accessory Kit (AT&T)	US/Canada
MTR-LVW2-B07	LTE Cat 3 Router w/o Accessories (Verizon)	US/Canada
MTR-LVW2-B07-US	LTE Cat 3 Router w/US Accessory Kit (Verizon)	US/Canada
MTR-LVW2-B08	LTE Cat 3 Router w/GPS w/o Accessories (Verizon)	US/Canada
MTR-LVW2-B08-US	LTE Cat 3 Router w/GPS & US Accessory Kit (Verizon)	US/Canada

VIII. Warranty and Support

Two-Year Product Warranty

All MultiTech products include a two-year warranty that includes on-line technical support, 24-hour website support and ftp support.

Extended Warranty Services

To give your customers peace-of-mind and protect their investment, our Extended Warranty Service Plans ensure MultiTech products are covered for one-, two-, or three-years beyond the two-year manufacturer’s warranty.

For a complete list of extended warranty part numbers, descriptions and prices, please consult the price addendum.

IX. Additional Information

If you have any questions or require additional information on this Product Bulletin, please contact your MultiTech sales representative or visit the technical resources listed below:

World Headquarters – U.S.

+1 (763) 785-3500 | sales@multitech.com

EMEA Headquarters – UK:

+ (44) 118 959 7774 | sales@multitech.co.uk

MultiTech Website: www.multitech.com

MultiTech Support Portal: <https://support.multitech.com/support/login.html>