

About the MultiConnect eCell

The MultiConnect eCell is an affordable 3G/4G Ethernet to Cellular Bridge used to enable devices with Internet service. It is a simple alternative to complex and expensive cellular routers in applications where advanced networking capabilities are already in place or are not required, but there is a need for remote access without using local wired networks.



Intended Use

MultiConnect eCell cellular to Ethernet bridges are used in a wide variety of private LTE applications such as digital signage, smart vending, smart energy or home medical monitoring. It can also be used to provide main internet broadband and backup access for business continuity; WAN failover or OBM (Out-of-Band Management) path to IT devices at your remote sites. The MultiConnect eCell will help to ensure infrastructure is accessible from anywhere, even during system or network outage. Because they are certified and carrier approved, customers are able to quickly deploy with cellular connectivity to realize new revenue streams, opex reduction or improved service offering.

MultiConnect eCell Ordering Options

Ordering Part Number	Description	Region
MTE-LEU6-B07-EU-GB-AU	LTE Cat 4 Cellular to Ethernet Bridge w/EU/GB/AU Accessory Kit (Product is End-Of-Life. Recommended replacement: rCell 300 Series Intelligent Router)	Australia European Union United Kingdom
MTE-LAT6-B07	LTE Cat 4 Cellular to Ethernet Bridge (Product is End-Of-Life. Recommended replacement: rCell 300 Series Intelligent Router)	United States
MTE-L12G1-B07	Private LTE OnGo CBRS Cat 12 Cellular to Ethernet Bridge (Industrial Temp) w/US Accessory Kit	United States

Specifications

Category	Description
General	
Performance	LTE , WCDMA, and GSM
Frequency Bands	Model: MTE-LAT6-B07 LTE: FDD B2/B4/B12 WCDMA: B2/B4/B5 Model: MTE-LEU6-B07 LTE: FDD B1/B3/B7/B8/B20/B28A, TDD B38/B40/B41 WCDMA: B1/B8 GSM: B3/B8 Model: MTE-L12G1-B07 LTE: FDD B1,2,3,4,5,7,8,9,12,13,14,18,19,20,26,66 TDD B41,42,43,48 WCDMA: B1,2,4,5,6,8,9
Radio	
Cellular	MTE-LEU6-B07: 4G LTE Radio with 3G/2G fallback MTE-LAT6-B07: 4G LTE Radio with 3G fallback MTE-L12G1-B07: 4G LTE CBRS Radio with 3G fallback
4G LTE Speed	
Packet Data	Up to 100 Mbps downlink/50 Mbps uplink based on 10/100 Ethernet interface
Connectors	
Cellular	Two female SMA connectors
SIM Holder	Mini-SIM 2FF push push SIM
Power Requirements	
Voltage	12 VDC @ 1A
Physical Description	
Dimensions	3.2" x 2.5" x 1.2" (81.2 x 63.5 x 30.5 millimeters)

Category	Description
Weight	1.0 lbs. (0.45 Kg)
Environment	
Operating Temperature	-10° C to +50° C
Humidity	Relative humidity 10% to 93% non-condensing
Certifications, Compliance, Warranty	
CE Compliance (MTE-LEU6-B07)	CE RED
FCC Compliance (MTE-LAT6-B07)	FCC Part 15B, 22H, 24E, 27, and IC
FCC Compliance (MTE-L12G1-B07)	FCC Part 15B and Part 96 (Band 48)
Network Compliance	PTCRB and AT&T
Safety Compliance	IEC 60950-1 2es Am2
	IEC 62368-1
	CAN/CSA-C22.2
	RCM
Warranty	Two years

Accessories

To find information on accessories for your product, go to <https://multitech.com/all-products/accessories/>.

Contact Information

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