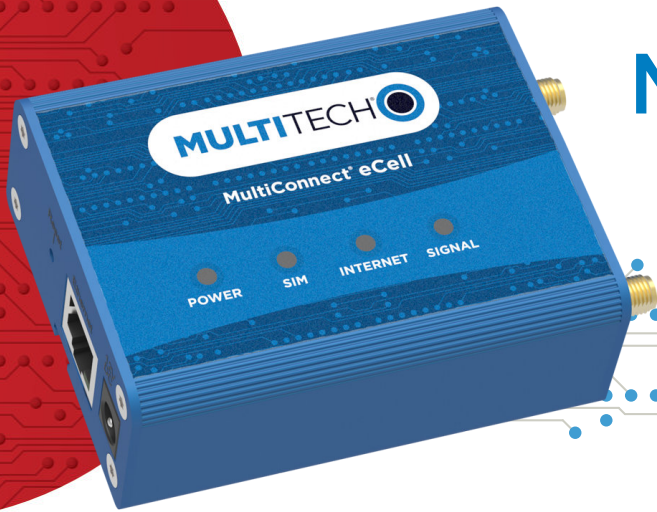# MultiConnect® eCell
LTE Cat 4 Cellular to Ethernet Bridge

The MultiConnect® eCell cellular to Ethernet bridge makes adding cellular connectivity to existing wired assets quick and easy. Providing wireless failover to prevent network outages to vending machines, kiosks, digital signs, ATM machines and countless other fixed assets that require reliable, always-on connectivity. With 4G-LTE Cat 4, there's no need to sacrifice bandwidth when switching between cellular and Ethernet. Plus, the easy set up wizard, bundled antenna, power supply and Ethernet cable make installation a snap. Best of all, it's cost-optimized to give you exactly what you need with minimal complexity in a rugged, aluminum chassis suitable for even extreme environments. And with FCC, IC, CE, PTCRB and carrier certifications, the MultiConnect eCell reduces time to market as well as cost – so you can deploy your solution fast.

BENEFITS
- Lowest total cost of ownership
- Long and stable lifecycles
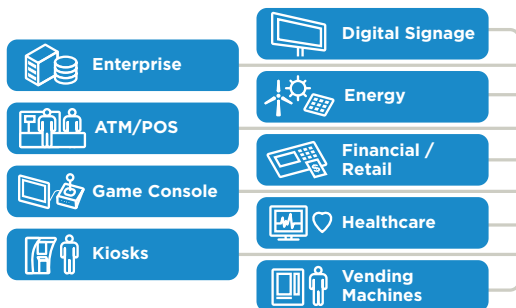- Certified and carrier approved

FEATURES
- 4G-LTE with 3G HSPA+ fallback for AT&T/(T-Mobile**) networks*
- 4G-LTE with 3G HSPA+ and 2G fallback for EU/GB/AU networks*
- 1 Ethernet LAN port
- Reset push button
- Aluminum chassis
- Remotely hosted device management platform
- Two-year warranty, upgradable to five years

  * Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.
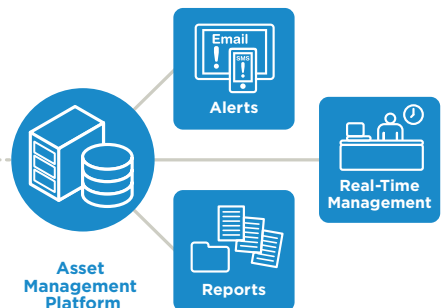 ** Planned

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Your Devices & Data
- Enterprise
- ATM/POS
- Game Console
- Kiosks
- Digital Signage
- Energy
- Financial / Retail
- Healthcare
- Vending Machines

Connecting Your Devices

Insight + Action + Control
- Email
- Alerts
- Real-Time Management
- Reports

Wireless Service Provider

Asset Management Platform

www.multitech.com/ecell

HIGHLIGHTS

Applications

MultiConnect eCell cellular to Ethernet bridges are used in a wide variety of applications such as digital signage, smart vending, smart energy or home medical monitoring. It can also be used to provide main internet broadband and dial 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.

Comprehensive Service and Support

The MultiTech commitment to service means we provide a two year product warranty and service that includes free technical support, 24 hour website, and FTP support.

SPECIFICATIONS

Models	MTE-LAT6	MTE-LEU6
Performance	LTE Cat. 4	LTE Cat. 4
Frequency Band (MHz)	4G: (1900)B2,(AWS1700)B4,(700)B12 3G: (2100)B2,(1700)B4,(850)B5	4G: FDD:(2100)B1,(1800)B3,(2600)B7, (900)B8,(800)B20,(700)B28A 4G:TDD:(2600)B38,(2300)B40, (2500)B41 3G: (2100)B1,(850)B5,(900)B8 2G: (1800)B3,(900)B8
Packet Data*	Up to 150 Mbps downlink / Up to 50 Mbps uplink	
Diversity /MIMO	Rx Diversity and MIMO DL 2x2	
Power Requirements		
Voltage	12VDC	
Connectors		
Cellular	50 ohm SMA (female connector)	
SIM	Mini SIM 2FF	
LAN	RJ-45, 10/100 BaseT	
Power	2.5mm Plug	
Physical Description		
Physical Dimensions (LxWxH)	3.2" x 2.5" x 1.2" (81.2 x 63.5 x 30.5 millimeters)	
Physical Weight	1.0 lbs (0.45 Kg)	
Chassis Type	Aluminum	
Environmental		
Operating Temperature	-10°C to +50°C	
Storage Temperature	-40°F to +185°F (-40°C to +85°C)	
Relative Humidity	10% to 85% operating / 5% to 90% storage	
Certifications		
Regulatory Compliance	US: FCC Class B, Canada: IC, CE	RED, AU RCM
Network	PTCRB, AT&T/(T-Mobile*) *= Planned	

* Actual performance speeds may be affected by a variety of attributes such as cell tower distance, data loads, packet sizes, etc.
† See device guide for more information.

ORDERING INFORMATION

MultiConnect® eCell

Model	Description	Region
MTE-LAT6-B07-US	LTE Cat 4 Cellular to Ethernet Bridge w/US Accessory Kit (AT&T)	North America
MTE-LEU6-B07-EU-GB-AU	LTE Cat 4 Cellular to Ethernet Bridge w/EU/GB/AU Accessory Kit	EU/GB/AU

B07 = LTE cellular only
US = Includes power supply, antennas and Ethernet cable
EU/GB/AU = includes EU/GB/AU power supply, cellular antennas, antenna cable mag mount adapter, and Ethernet cable.

Go to www.multitech.com for detailed product model numbers.
Use ordering codes for specific build options.

Services & Warranty

MultiTech's comprehensive Support Services programs offer a full array of options to suit your specific needs. These services are aimed at protecting your investment, extending the life of your solution or product, and reducing total cost of ownership. Our seasoned technical experts, with an average tenure of more than 10 years, can walk you through smooth installations, troubleshoot issues and help you with configurations.

Installation Support

MultiTech's Installation Support Service delivers priority service with the ability to work one-on-one with an experienced MultiTech technical support engineer, to guide you through the installation process for our products.

Technical Support Services

At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from.

For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit www.multitech.com/support.go

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