



## Industrial Modular Modem MX-100U Series

### BEC Multi-WAN Routers



**MX-600**  
2 Gigabit Ethernet  
Wi-Fi 5 802.11ac  
IP30



**MX-1200**  
4 Gigabit Ethernet  
Wi-Fi 5 802.11ac  
IP50

### Applications

- Embedded Systems
- WWAN Primary Connectivity
- Distributed Enterprise / Branch Office
- Retail Networks / PoS
- Kiosk / Vending / Digital Signage
- SD-WAN Deployments
- Private Networks (MX-UE/UG/U 5G)
- In-vehicle Connectivity (MX-1200)
- Business Continuity/Failover
- K-12 and Higher Education

- Dual SIM Interfaces (2FF Size)
- Ultra-compact and Rugged Design
- IP50 Hardened Enclosure/Industrial Components
- Active GPS for real-time tracking & location
- USB 3.0 for Physical Interface & Power
- Standalone Connectivity via USB 3.0 Host
- Modular Connectivity with BEC Multi-WAN Routers

<b>MX-100U</b>	• LTE CAT 6 • 2x2 MIMO, 2CA DL
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<b>MX-100UE</b>	• LTE CAT 12 • 2x2 MIMO, 3CA DL/2CA UL
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<b>MX-100UG</b>	• LTE CAT 18 • 4x4 MIMO, 5CA DL/2CA UL
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<b>MX-100U 5G</b>	• SA/NSA, LTE CAT 19, • 4x4 MIMO, 5G CA, • 5CA DL/2CA UL
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## 5G Business Gateway MX-100U-5GW

### Applications

- WWAN Primary Connectivity
- Distributed Enterprise / Branch Office
- Retail Networks
- SD-WAN Deployments
- Private 5G Networks
- Gigabit FTTH Internet Services
- Business Continuity/Failover
- K-12 and Higher Education

- 5G SA/NSA, and LTE CAT 19
- Dual SIM Interfaces (2FF Size)
- 4x4 MIMO DL and 2x2 MIMO UL
- Dual Gigabit Ethernet Interfaces

- Automatic Failover/Failback
- High-Power Wi-Fi 5 802.11ac Hotspot / Captive Portal
- Advanced feature for Flexible Network Configurations
- Enterprise Dynamic Routing and Secured VPNs



## Industrial M2M Router MX-200A/Ae

### Applications

- M2M/IoT
- Business Continuity/WWAN Failover
- SD-WAN Deployments
- ATMs/Kiosks/Digital Signage
- SCADA/Serial IP
- Industrial Applications
- Oil & Gas/Metering
- Distribution Automation (DA)
- Out-of-band Management (OOBM)

- LTE CAT 6
- Carrier Aggregation up to 2CA DL
- Automatic Failover/Failback
- Dual Gigabit Ethernet Interfaces

- IP Pass-Through, Managed Failover & VRRP
- RS-232 console for SCADA/OOBM
- Active GPS for real-time asset tracking
- Enterprise Dynamic Routing (BGP/OSPF)
- Secured VPN Termination (MX-200A only)



## LTE Outdoor Router 6900 R17-AF

### Applications

- Outdoor Locations
- Fixed Wireless Access
- Last Mile Access
- Mission-Critical
- Remote Monitoring
- Video Surveillance
- Construction / Industrial Sites
- Energy/ Oil & Gas
- Smart Cities

- LTE CAT 4
- 150Mbps DL and 50Mbps UL
- 2x2 MIMO Embedded LTE Dual-Polarized Antennas
- Industrial-grade IP68/UL-50E enclosure

- IEEE 802.3 at Compliant PoE P.D
- Extended Temperature Range Between -40°C to 70°C
- Easy Installation – Complete Mounting Kit Included



## LTE Advanced Outdoor Router 6900 R15-W

### Applications

- Outdoor Locations
- Fixed Wireless Access
- Last Mile Access
- Mission-Critical
- Remote Monitoring
- Video Surveillance
- Construction / Industrial Sites
- Energy/ Oil & Gas
- Smart Cities

- LTE CAT 6
- Carrier Aggregation up to 2CA DL
- 300Mbps DL and 50Mbps UL
- 2x2 MIMO Embedded LTE Dual-Polarized Antennas

- Industrial-grade IP-68/UL-50E enclosure
- IEEE 802.3 at Compliant PoE P.D
- Extended Temperature Range Between -40°C to 70°C
- Easy Installation – Complete Mounting Kit Included



## Gigabit LTE Outdoor Router 7000 R24

### Applications

- Outdoor Locations
- Fixed Wireless Access
- Last Mile Access
- Mission-Critical
- Remote Monitoring
- Video Surveillance
- Construction / Industrial Sites
- Energy/ Oil & Gas
- Smart Cities

- Gigabit LTE CAT 18
- Carrier Aggregation up to 5CA DL/2CA UL
- 1.2Gbps DL and 150Mbps UL
- 4x4 MIMO Patented Dual-Pol Dual-Slant Antenna Technology

- Industrial-grade IP68/UL-50E enclosure
- IEEE 802.3 at Compliant PoE P.D
- Extended Temperature Range Between -40°C to 70°C
- Easy Installation – Complete Mounting Kit Included



## MaxRange Gigabit LTE Outdoor Router 7000 R26

### Applications

- Outdoor Locations
- Fixed Wireless Access
- Private LTE CBRS Deployments
- Last Mile Access
- Mission-Critical
- Remote Monitoring
- Video Surveillance
- Construction / Industrial Sites
- Energy/ Oil & Gas
- Smart Cities

- Gigabit LTE CAT 18
- Carrier Aggregation up to 5CA DL/2CA UL
- 1.2Gbps DL and 150Mbps UL
- 4x4 MIMO Patented Dual-Po Dual-Slant Antenna Technology

- Industrial-grade IP68/UL-50E enclosure
- IEEE 802.3 at Compliant PoE P.D
- Extended Temperature Range Between -40°C to 70°C
- Easy Installation – Complete Mounting Kit Included

## BECentral® CloudEdge Service Platform

All solutions seamlessly integrate into BECentral® CloudEdge, BEC's industry-leading cloud-based service platform is designed to accelerate 5G and LTE Wireless WAN connectivity for deployments of any scale.

The platform enables zero-touch provisioning and provides visual dashboards with real-time analytics, detailed reporting, historical analysis, performance monitoring, proactive alerts/notifications, and API extensibility for 3rd party integration.

BECentral® CloudEdge is a powerful tool that provides valuable insights and essential network visibility at the edge.



To learn more, scan this QR code or visit: <https://www.bectechnologies.net/t-mobile>

