



Enterprise CBRS Gateway

The BEC MX-240 Enterprise CBRS Gateway is an easy install, ultra-compact rugged enclosure with embedded CBRS and gigabit Ethernet WAN connectivity device to bridge with any gateway/router for residential, enterprise or IoT/M2M applications that requires flexibility, secure, always available connection to their network.

The space-constrained form factor makes the MX-240 easily fit into any space to accelerate service deployments. The hardened design built with industrial-grade components and the extended operating temperature range from -4° to 140° F (-20° to 60° C) ensure the MX-240 is capable to provide reliability and continuous operation in harsh environments.

The BEC MX-240 is the perfect balance of performance, ruggedness, reliability, price and secure wireless connectivity for business-critical operations and accelerate network transformation to CBRS.

Key Application

- Enterprise IoT Connectivity
- Private LTE Networks
- CBRS & Fiber Backhaul
- Retail Networks
- ATMs/Kiosks/Digital Signage
- M2M/IoT
- Healthcare and much more



SPECIFICATIONS

Technology

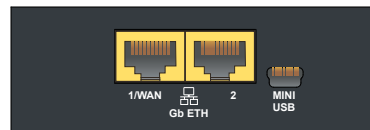
- TDD (Cat.12): B48
Max. Downlink/Uplink Rate: 430/20Mbps)
- Carrier Aggregation: 3CA DL / 2CA UL
- LTE Antenna: 4x4 MIMO
- Channel Bandwidth
1.4 / 3 / 5 / 10 / 15 / 20 / 40 (2xCA) MHz
- RF Characteristics
 - Max. Transmit Power: 23 ± 2dBm
 - Receiver Sensitivity: < -98dBm
- Regulatory: FCC Part 96 Authorized EUD

Operation Mode

- Bridge (layer-2 bridging)

Hardware

- 4G/LTE : (4) SMA female connectors
- Mini-USB B Type Receptacle: (1) port
- Ethernet LAN: 2-port 10/100/1000Mbps auto-crossover (MDI/ MDI-X) switch : 1 x Versatile Port (LAN#1 / WAN)
- SIM Card (2FF): (1) slot
- Reset Button
- Power Connector: 2-pin connectors
- LED indicators
- Dimensions:
4.29"(W) x 1.17"(H) x 3.43"(D)
(109mm x 29.7 mm x 87 mm)
- Operating temperature:
- 4° to 140° F (- 20° to 60° C)



KEY FEATURES

- + Offers CBRS & Ethernet backhaul connectivity options
- + Small form factor IoT/M2M with affordable price
- + Simplify deployment and easy installation by a single person
- + Hardened enclosure with industrial-grade components
- + Mini-USB console interface uses for module management
- + BECentral® (BEC's Cloud Based Remote Management)