

# MAX BR1 MK2 cellular router

Industrial-Grade 4G LTE Router



## Automatic Failover 4G LTE Router.

The BR1 offers automatic switching, DC or terminal block power capability, advanced GPS fleet tracking, and remote management, all packed into a durable metal enclosure.

Compatible With:



\*Selected models



### Fleet Tracking and Management

With built-in GPS fleet tracking and InControl cloud-based management, you



### Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS.



### SpeedFusion Hot Failover

SpeedFusion technology powers MAX BR1 for seamless failover.



### Terminal Block for Secure Power Supply

MAX BR1 is equipped with a terminal block for secure power installation in vehicles and other locations.



### Certified Toughness

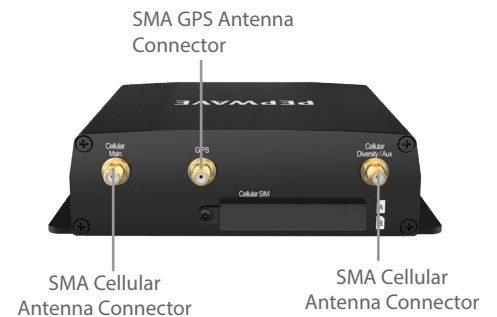
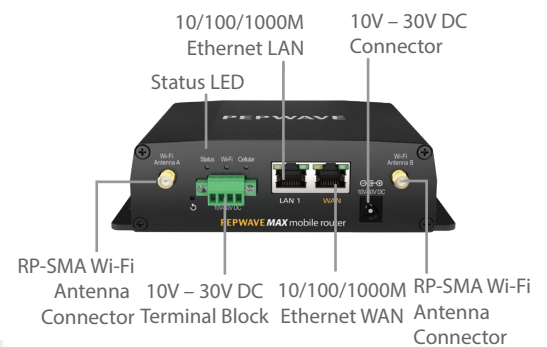
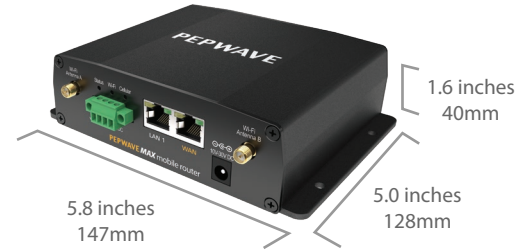
In addition to rugged metal enclosure, BR1 has certifications on:  
 Shock and vibration resistance (EN 61373:1999, IEC 61373:1999)  
 Railway applications (EN 50155)  
 Electromagnetic Compatibility (EN 61000)

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## Industrial-Grade 4G LTE Router Specifications

### MAX BR1 MK2

|                                    |   |
|------------------------------------|---|
| WAN Interface                      | 1x GE<br>1x Embedded LTE-A Modem  |
| LAN Interface                      | 1x GE   |
| Wi-Fi Interface                    | 802.11ac/a/b/g/n 2x2 MIMO<br>Simultaneous Dual-Band, Wi-Fi WAN & AP   |
| Drop-in mode                       | ●   |
| Router Throughput                  | 100Mbps   |
| Recommended Users                  | 1-60  |
| Cellular and GPS Antenna Connector | 2x SMA Antenna Connectors<br>1x SMA GPS Antenna Connector<br>2x Wi-Fi Connector   |
|                                    | DC Jack/Terminal Block: 10V – 30V DC  |
| Power Consumption                  | 16W (max.)  |
| Dimensions                         | 5.8 x 5.0 x 1.6 inches<br>147 x 128 x 40 mm   |
| Weight                             | 0.96 pound<br>435 grams   |
| Operating Temperature              | -40° – 131°F<br>-40° – 55°C   |
| Humidity                           | 15% – 95% (non-condensing)  |
| Certifications                     | FCC, CE, RoHS, E-Mark, IC<br>Class I, Division II: Hazardous Locations<br>RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV)<br>EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance<br>EN 50155: Railway Applications<br>EN 61000: Electromagnetic Compatibility |
| Warranty                           | 1-Year Limited Warranty   |
| Package Content                    | MAX BR1 MK2, 12V2A Power Supply (ACW-601),<br>2x Wi-Fi Dual Band Antenna (ACW-341),<br>1x GPS Antenna (ACW-232), 2x LTE Antennas (ACW-815),<br>4pin Terminal Block Connector  |



## Ordering Information

|     | Product Code         | Carrier/Region | Embedded Modem | 4G Bands  | 3G Bands   |
|-----|----------------------|----------------|----------------|---|--|
| LTE | MAX-BR1-MK2-LTEA-W-T | Worldwide      | 1              | FDD LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41 | WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8                   |
|     | MAX-BR1-MK2-LTEA-P-T | Asia Pacific   | 1              | B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41                  | WCDMA/HSPA+/DC-HSPA+: B1, B5, B6, B8, B9, B19<br>TD-SCDMA: B39 |

## Feature Add-On

| Product Code   | Feature Pack                                   | Description  |
|----------------|--|--|
| MAX-BR1-ADV    | Advanced Feature Pack                          | Package includes a software license key for Advanced Car-Fi Roaming; and SpeedFusion and IPsec X.509 Certificate Support |
| PVN-LC-05      | PepVPN License Key for Velocity and BR1 family | Enables up to 5 PepVPN connections   |
| MAX-HD-020-SPF | PepVPN License Key                             | Enables up to 20 PepVPN connections  |