MAX BR1 M2M

Specialized Cellular Router for M2M Communications

peplink | PEPWAVE

The MAX BR1 M2M is compact (1.1 x 3.8 x 4.8 inches), and tough enough to be placed anywhere. It features a 9-pin serial connector for easy and durable M2M connectivity. Also, it can be remotely monitored and managed using InControl 2 Cloud management, saving service trips.
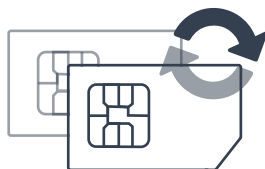
Compatible With:

verizon✓   Sprint   at&t   T··Mobile

ROGERS   TELUS   Bell   U.S.Cellular

*Selected models

InControl²
Setup.Manage.Report.

Remote Device Management
Remotely manage the MAX BR1 M2M by the InControl 2 cloud based management platform. Schedule automated firmware updates for groups of devices, and more.

SpeedFusion Hot Failover.
The MAX BR1 M2M automatically re-establishes your IPsec VPN connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.

Din-Rail Mountable
Install your BR1 M2M in minutes with just a screwdriver. It attaches directly to any DIN rail for quick and secure deployment in utility boxes and other locations.

Specifications

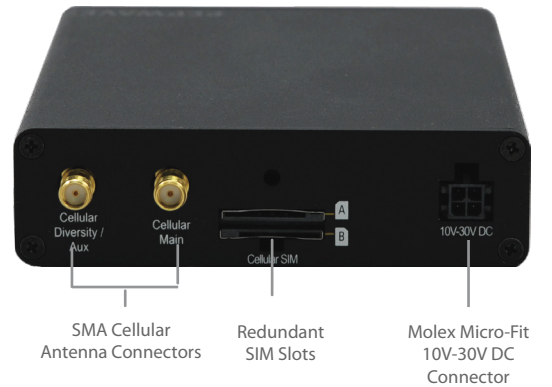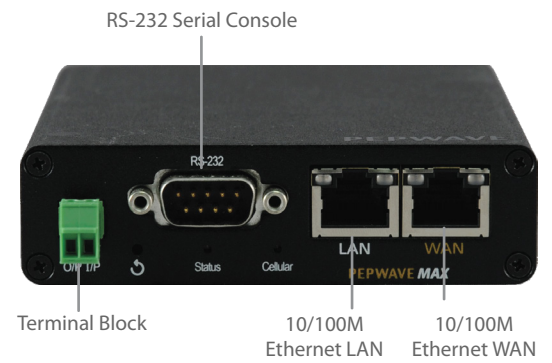| BR1 M2M	
WAN Interface	1x 10/100M Ethernet Port 1x Embedded 4G Cellular Modem
LAN Interface	1x 10/100M Ethernet Port
Antenna Connectors	2x SMA Cellular Antenna Connectors
Power Input	Device: Molex Micro-Fit 10V – 30V DC
Power Consumption	Max.: 10W, Typical: 8.5W, Min.: 6W
Dimensions	4.7 x 3.8 x 1.1 inches 120 x 97 x 26.5 mm (L x W x H)
Weight	0.8 pound 350 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Warranty	1-Year Limited Warranty

RS-232 Serial Console

Terminal Block

10/100M Ethernet LAN

10/100M Ethernet WAN

SMA Cellular Antenna Connectors

Redundant SIM Slots

Molex Micro-Fit 10V-30V DC Connector

1.1 Inches
26.5 mm

3.8 Inches
97 mm

4.7 Inches
120 mm

Product Ordering Information

	Product Code	Region/Carrier	Embedded Modem	4G Bands/	3G Bands
LTE	MAX-BR1-M2M-LTE-E-T	Europe/International	1	4G LTE: B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Intelligent Failover
Bandwidth Allowance Monitor
Support for Dynamic DNS services

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients

Complete VPN Solution
PepVPN/SpeedFusion Hot Failover
   Site-to-Site VPN
   Hot Failover
   256-bit AES Encryption
   Pre-shared Key Authentication
   Dynamic Routing
IPsec VPN (Network-to-Network)

Advanced QoS
User Groups
   Individual Bandwidth Limit
Application Prioritization
   SIP, HTTPS, VPN QoS
   Custom Application QoS

Networking
IP Passthrough
NAT and IP Forwarding
Static Routes
Port Forwarding
Many to One, One to One NAT
NAT Pool
SIP ALG, H.323 ALG
UPnP, NAT-PMP
WINS Server
BGP, OSPFv2 and RIPv2 Support

Security
128-bit WEP
WPA & WPA 2
Stateful Firewall
DoS Prevention
Web Blocking

Captive Portal
Wired LAN Client Support
Wireless LAN Client Support
Time and Usage Quotas
Built-in Customizable Splash Page

Device Management
Web Administrative Interface
InControl Cloud Managment
Router Utility Mobile App
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Web Reporting Services
Syslog Service
SNMP v1, v2c and v3

peplink | PEPWAVE