

MAX BR1 M2M

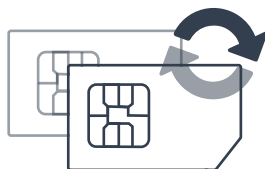
Specialized Cellular Router for M2M Communications



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.



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.

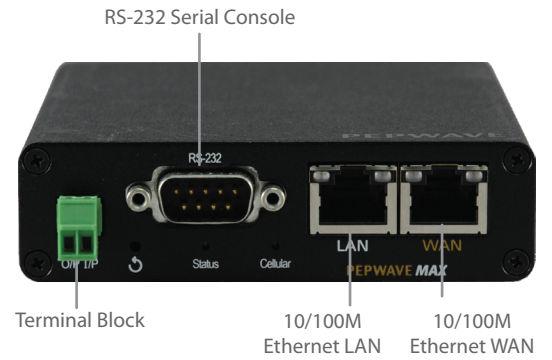
The MAX BR1 M2M automatically re-establishes your IPsec VPN connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.

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



Product Ordering Information

	Product Code	Region/Carrier	Embedded Modem	4G Bands/	3G Bands
LTE	MAX-BR1-M2M-LTE-US-T	Verizon/Sprint/AT&T/ T-Mobile	1	4G LTE: B2, B4, B5, B13, B17, B25	WCDMA/HSPA+/DC-HSPA+: B1, B2, B4, B5, B8 EV-DO Rev.A: BC0, BC1, BC10
	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

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

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

