

# MAX BR1/BR2 IP55

## IP55 Outdoor 4G LTE/3G Router



Water-proof



Dust protected



MIMO Directional



### Waterproof IP55 Enclosure

Deploy the BR1 IP55 with confidence in harsh indoor and outdoor environments. Its waterproof IP55 metal enclosure stands up to dust, vibration, and inclement weather, making it a great choice for industrial, emergency, and other heavy-duty applications.

### Embedded MIMO Antennas

Configure your antenna on the fly. The BR1 IP55's built-in MIMO directional antennas and external antennas are software selectable, so it's easy to optimize antenna performance at any time.

### Built-in PoE & 3-Port Switch

Cut down on cabling and simplify deployments. The BR1 IP55 includes a built-in 3-port LAN switch to reduce clutter and the need for extra equipment. It also offers 802.3af PoE input and output, so one wire is all you need for both connectivity and power you can share with security cameras and other devices.

## Features

#### WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
- Bandwidth Allowance Monitor
- USB 4G/3G Modem Support
- Support for Dynamic DNS services
- WAN Port Convertible into LAN Port

#### LAN

- DHCP Server for LAN Clients
- Extended DHCP Options
- DHCP Reservation
- DNS Proxy for LAN Clients
- VLAN on LAN Support
- Per-Port VLAN Support

#### Load Balancing\*

- Intelligent Failover
- Session Persistence
- Per-Service Load Distribution
- Multiple Algorithms

#### Complete VPN Solution

- PepVPN/SpeedFusion Hot Failover/SpeedFusion Bandwidth Bonding\*
- Site-to-Site VPN
- Bandwidth Aggregation\*
- Hot Failover
- 256-bit AES Encryption
- Pre-shared Key Authentication
- Dynamic Routing
- X.509 Certificate Support\*
- IPsec VPN (Network-to-Network)
- X.509 Certificate Support\*

#### Advanced QoS

- Individual Bandwidth Limit
- Application Prioritization
- SIP, HTTPS, VPN QoS
- Custom Application QoS

#### Networking

- 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

#### Captive Portal Support\*

- Support for Wired and Wireless LAN Clients
- Support for RADIUS Authentication
- Time and Usage Quotas on Open Access Mode
- Built-in Customizable Splash Page

#### Security

- Stateful Firewall
- DoS Prevention
- Web Blocking
- Web Filtering Blacklist

#### Device Management

- Web Administrative Interface
- Command Line Interface
- InControl Cloud Management
- Email Notification
- Active Client & Session Lists
- Bandwidth Usage Statistics
- Syslog Service
- SNMP v1, v2c and v3

\*Available on selected models.

#### Compatible With:



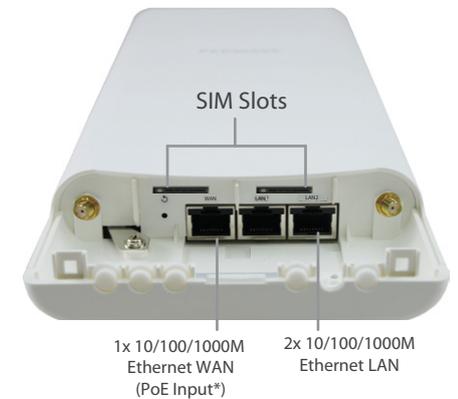
\*Selected models

# MAX BR1/BR2 IP55

## IP55 Outdoor 4G LTE/3G Router

### Specifications

	MAX BR1 IP55	MAX BR2 IP55
WAN Interface	1x GE 1 x Embedded LTE Modem	1x GE 2 x Embedded 3G Modem
LAN Interface	2 x GE	
Wi-Fi Interface	802.11ac/a/b/g/n Wi-Fi WAN and AP	
Router Throughput	100 Mbps	
Recommended Users	1-60	
Antenna	Cellular: Build-in/ External SMA Connector Wi-Fi: Build-in, Directional/ Omni Software Configuration	
Power Input #	802.3at PoE+ (56V Pepwave Passive PoE Input is Needed for full 1x 802.3at PoE+ LAN Output)	
Power Consumption	25 W (max.)	
Dimensions	11.8 x 4.9 x .175 inches 300 x 124 x 44.5 mm	
Weight	0.96 pounds 435 grams	
Operating Temperature	-40 ° – 131 °F -40 ° – 55 °C	
Humidity	15% – 95% (non-condensing)	
Certifications	FCC, CE, RoHS, IC RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV)	
Warranty	1-Year Limited Warranty	



\* PoE injector available separately.

Compatible With:



\*Selected models

### Ordering Info

	Product Code	Region/Carrier	Embedded Modem	4G Bands	3G Bands	VPN Functionality
LTE	MAX-BR1-LTE-W-IP55	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	PepVPN
	MAX-BR1-LTE-P-IP55	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 TD-SCDMA: B39	PepVPN
4G LTE	MAX-BR1-LTE-E-IP55	Europe/International	1	4G LTE B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8	PepVPN
3G	MAX-BR1-AE-IP55	Worldwide	1	-	WCDMA/HSDPA/HSUPA/HSPA+: B1, B2, B4, B5, B8 EDGE/GPRS/GSM: B2, B3, B5, B8	PepVPN
	MAX-BR2-AE-IP55	Worldwide	2	-	WCDMA/HSDPA/HSUPA/HSPA+: B1, B2, B4, B5, B8 EDGE/GPRS/GSM: B2, B3, B5, B8	PepVPN, and optional SpeedFusion Bonding
	MAX-BR2-AE-SF-IP55	Worldwide	2	-	WCDMA/HSDPA/HSUPA/HSPA+: B1, B2, B4, B5, B8 EDGE/GPRS/GSM: B2, B3, B5, B8	SpeedFusion Bonding

### Accessories

Product Code	Product Name	Description
ACW-107	802.3at PoE Injector	PoE Injector IEEE 802.3at compliant
ACW-109	Passive PoE Kit for IP55 Outdoor Products	Include 56V/2.1A PSU and Passive PoE Injector Enable 1x full power 25.5W 802.3at PoE output of IP55 Enclosure products
ACW-510	Ball Joint Mount	Ball Joint Mount for IP55 enclosure