MAX BR1 IP55
IP55 Outdoor 4G LTE 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. 802.3at PoE+ output is optional add-on, 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

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

Complete VPN Solution
PepVPN/SpeedFusion Hot Failover
  Site-to-Site VPN
  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

* Feature is available as an upgrade.
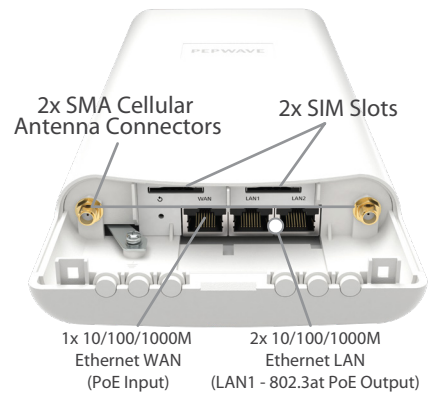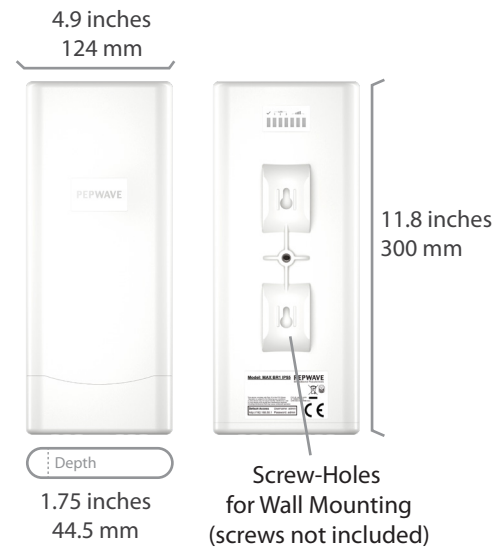# IPsec VPN supports connection with Cisco, Juniper, Peplink, or Pepwave devices.

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peplink | PEPWAVE

Specifications

	MAX BR1 IP55
WAN Interface	1x GE 1 x Embedded LTE Modem
LAN Interface	2 x GE
Wi-Fi Interface	802.11ac wave 2/ac/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 .1.75 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	CE, RoHS
Warranty	1-Year Limited Warranty
Package Content	MAX BR1 IP55 Cable Tie

4.9 inches
124 mm

11.8 inches
300 mm

Depth
1.75 inches
44.5 mm

Screw-Holes
for Wall Mounting
(screws not included)

2x SMA Cellular
Antenna Connectors

2x SIM Slots

1x 10/100/1000M
Ethernet WAN
(PoE Input)

2x 10/100/1000M
Ethernet LAN
(LAN1 - 802.3at PoE Output)

PoE injector available separately.

Ordering Information

	Product Code	Region/Carrier	Embedded Modem	4G Bands	3G Bands	VPN Functionality
LTEA	MAX-BR1-LTEA-W-IP55	Worldwide / CAT-6	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-LTEA-P-IP55	Asia Pacific / CAT-6	1	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8, B9, B19 UMTS: B6 TD-SCDMA: B39	PepVPN
4G LTE	MAX-BR1-LTE-E-IP55	Europe / International / CAT-4	1	4G LTE B1, B3, B5, B7, B8, B20, B38, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8	PepVPN

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 25W 802.3at PoE output of IP55 Enclosure products
ACW-510	Ball Joint Mount	Ball Joint Mount for IP55 enclosure

peplink | PEPXIM