RISING CONNECTION

peplink

MAX BR2 IP55

Dual 3G Outdoor Router

IP55 Dual Cellular Outdoor Router
The BR2 IP55 outdoor router features embedded MIMO directional and Omni antennas, built-in PoE, a 3-port switch, and dual embedded cellular modems protected by an IP55 enclosure that's tough and waterproof.

Dual Cellular for Multiple Carrier
Dual outdoor LTE modems allow you to use the same or different cellular providers for bonded bandwidth or eliminating blind spots.

SpeedFusion Hot Failover
SpeedFusion technology powers MAX BR2 IP55 for automatic failover and data overage protection. BR2 IP55 also supports load balancing.

Embedded MIMO Directional and Omni Antennas
The BR2 IP55's built-in MIMO directional and Omni antennas. It also has external cellular antenna connectors, which are software selectable. So, it's easy to optimise antenna performance at any time.

Built-in PoE and 3-Port Switch
The BR2 IP55 includes built-in PoE input and a 3-port LAN switch to reduce clutter and the need for extra equipment. 802.3af 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.

Waterproof IP55 Enclosure
Deploy the BR2 IP55 outdoor router with confidence in harsh indoor and outdoor environments. Its waterproof IP55 enclosure stands up to dust, vibration, and inclement weather, making it a great choice for industrial, emergency, and other heavy-duty applications.

Customisable 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 server. With Social Wi-Fi Hotspot support, you can also receive valuable demographic data from your users.

PRODUCT DETAILS
- Model: MAX BR2 IP55
- Product Code: MAX-BR2-LTE-E-IP55
- Software: Pepwave MAX Firmware
- Ethernet WAN Port: 1 (FE)
- Ethernet LAN Ports: 2 (FE)
- Embedded 4G LTE / 3G: 2[*]
- SIM Card Size: Mini-SIM (2FF)
- Wi-Fi WAN[1]
- Wi-Fi AP[1]
- Wi-Fi Standard: 802.11b/g/n
  300Mbps 2x2 MIMO
- Transmit Power (2.4GHz): 28dBm
- Recommended Users[2]: 1-60
- Router Throughput[3]: 100Mbps

CORE FUNCTIONALITY
- WAN as LAN
- Web Blocking
- Web Filtering Blacklist: Lite

VPN FUNCTIONALITY
- PepVPN/SpeedFusion Hot Failover
- SpeedFusion WAN Smoothing[*]
- SpeedFusion Bandwidth Bonding
- Number of PepVPN SpeedFusion Peers: 2
- PepVPN/SpeedFusion Throughput: 40Mbps (No Encryption)
- PepVPN/SpeedFusion Throughput: 20Mbps (256-bit AES)

WAN
- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
- Bandwidth Allowance Monitor
- Support for Dynamic DNS services
- WAN Port Convertible into LAN Port

LAN
- DHCP Server for LAN Clients
- Extended DHCP Option
- DHCP Reservation
- DNS Proxy for LAN Clients
- VLAN on LAN Support

CAPTIVE PORTAL
- Support for Wired & Wireless LAN clients
- Support RADIUS Authentication
- Time & Usage Quotas on Open Access Mode
- Built-in Customisable Splash Page

CENTRAL MANAGEMENT
- InControl2 Cloud Management

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

ADVANCED QOS
- Individual Bandwidth Limit
- Application Prioritisation
  - 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

DEVICE MANAGEMENT
- Web Administrative Interface
- Command Line Interface
- InControl2 Cloud Management
- Email Notification
- Active Client and Session Lists
- Bandwidth Usage Statistics
- Syslog Service
- SNMP v1, v2c and v3

HARDWARE FEATURES
- Enclosure: Outdoor IP55 All-Weather
- PoE Output: Up To Two 802.3af or 48V Pepwave Passive PoE Outputs
- Dimensions: 11.8(H) x 4.9(W) x 1.9(D) inches
- Weight: 435 grams

OPERATIONS
- Power Input: Pepwave Passive PoE: 12V - 48V DC, 2A (48V Pepwave Passive PoE Input is Needed for 802.3af or Pepwave Passive PoE Output)[^]
- Power Consumption: Max.: 16W, Typical: 11W, Min.: 8W
- Operating Temperature: -40° – 65°C
- Humidity: 15% - 95% (non-condensing)

SECURITY
- Stateful Firewall
- DoS Prevention
- Web Blocking

PACKAGE CONTENT
- MAX BR2 IP55
- Pepwave Passive PoE Injector

CERTIFICATIONS
- FCC, CE, RoHS

WARRANTY
- 1-Year Limited Warranty

ORDERING INFORMATION
- Product Code: MAX-BR2-LTE-E-IP55
- 4G Bands/Frequencies (MHz): 4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800
- 3G Bands/Frequencies (MHz): WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900

MAX BR2 IP55 – FEATURE ADD-ON
- ACW-109: PoE Kit for IP55 Outdoor Products
  - Include 48V Pepwave Passive PoE Injector
  - Enable 802.3af/48V Pepwave passive PoE output (PoE License automatically applied after kit purchase)
- ACW-510: Ball Joint Mount for IP55 Outdoor Products
  - Wall/pole mount with flexible ball-joint for high-precision installation.

MAX BR2 IP55 – PoE OPTION
- 12V Pepwave passive PoE input: No PoE output
  - Standard feature. Package includes 12V Pepwave passive PoE. Powers up the device. Does not provide PoE output.
- 48V Pepwave passive PoE input: Up to two 802.3af/48V Pepwave passive PoE output
  - Requires PoE Kit for IP55 Outdoor Products (ACW-109). Powers up the device. Provides up to two 802.3af/48V Pepwave passive PoE output.

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1 The frequency range for 802.11b/g/n Wi-Fi is 2412–2472 MHz.
2 Recommendation for sizing purposes only. No software restrictions applied.
3 Router Throughtput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments.
* MAX BR2 IP55 supports two embedded 3G modems only.
^ 48V Pepwave Passive PoE for BR2 IP55 is available separately.

Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.