



## MAX HD2 IP67 WiFi

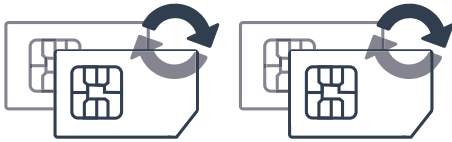
### Dual 4G LTE Outdoor Mobile Router

The HD2 IP67 WiFi offers two embedded cellular modems and PoE support on its LAN port, all encased in a shock and vibration certified, waterproof enclosure that's more than a match for almost any environment.

PRODUCT DATASHEET  
MAX-HD2-LTEA-P-IP67-WIFI



#### Dual Cellular and Redundant SIM slots for Multiple Carrier.



The HD2 IP67 WiFi includes two built-in LTEA/4G/3G modems each with a Redundant SIM slot. It allows you to use the same or different cellular providers for bandwidth bonding or eliminating blind spots.

#### SpeedFusion Bandwidth Bonding and Seamless Failover.



SpeedFusion bandwidth bonding technology bonds all connected bandwidth into a single superfast stream, using the same or different cellular providers.

#### Super-Duty IP67 Enclosure. Shock and Vibration Certified.



Water-proof



Dust protected



Lightning Immunity



Shock and Vibration

Its waterproof IP67 metal enclosure stands up to dust, vibration, and inclement weather. And, it is certified shock and vibration resistant, making it a great choice for construction, drilling, and other heavy-duty applications.

#### Fleet Tracking and Management.



With built-in GPS fleet tracking and InControl2 cloud-based management, you can keep tabs on location and manage your mobile network from any Internet-connected device.



### PRODUCT DETAILS

- Model: MAX HD2 IP67 WiFi
- Product Code: MAX-HD2-LTEA-P-IP67-WIFI
- Software: Pepwave MAX Firmware
- Ethernet WAN Ports: 1 (GE)
- Ethernet LAN Ports: 1 (GE)
- Embedded 4G LTE/3G: 2
- SIM Card Size: Mini-SIM (2FF)
- Wi-Fi WAN
- Wi-Fi AP
- Wi-Fi Standard: 802.11ac/a/b/g/n, 1166Mbps 2x2 MIMO
- Transmit Power (2.4GHz): 23dBm
- Transmit Power (5GHz): 21dBm
- Simultaneous Dual-Band Wi-Fi AP
- Maximum number of SSID: 16
- Recommended Users<sup>1</sup>: 500
- Router Throughput<sup>2</sup>: 400Mbps

### CORE FUNCTIONALITY

- Drop-in Mode
- High Availability
- Web Blocking
- Web Filtering Blacklist: Lite

### VPN FUNCTIONALITY

- PepVPN/SpeedFusion Hot Failover
- SpeedFusion WAN Smoothing
- SpeedFusion Bandwidth Bonding
- Number of PepVPN SpeedFusion Peers: 2/20
- PepVPN/SpeedFusion Throughput: 100Mbps (No Encryption)
- PepVPN/SpeedFusion Throughput: 60Mbps (256-bit AES)

### WAN

- Support for PPPoE, Static IP, DHCP
- WAN Link Health Check
- Bandwidth Allowance Monitor
- IPv6 Support
- Support for Dynamic DNS services

### 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
- GPS Fleet Management

### AP CONTROLLER FUNCTIONALITY

- Manage Pepwave AP Series
- Maximum Number of AP Support: 30

### LOAD BALANCING

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

### ADVANCED QoS

- User Groups
  - Bandwidth Reservation
  - Individual Bandwidth Limit
- Application Prioritisation
  - By User Groups
  - 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
- WINS Server
- VRRP HA support

### 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 IP67 All-Metal
- PoE Output: 1x 802.3at PoE Output (Requires 56V DC input for full 25.5W PoE+ Output)
- Dimensions: 11.6(H) x 15.3(W) x 2.6(D) inches
- Weight: 4.3 kg

### OPERATIONS

- Power Input: DC: 12V - 56V<sup>▲</sup>
- Power Consumption: 30W (max. w/o PoE)
- Operating Temperature: -40° - 65°C
- Humidity: 15% - 95% (non-condensing)

### SECURITY

- Stateful Firewall
- DoS Prevention
- Web Blocking

### PACKAGE CONTENT

- MAX HD2 IP67 WiFi
- Waterproof Power Connector Kit
- 2x Waterproof Ethernet Connector Kit
- Mounting Kit

### CERTIFICATIONS

- FCC, CE, RoHS
- RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV)
- Rolling Stock: EN 61373:2010 Shock and Vibration Resistance

### WARRANTY

- 1-Year Limited Warranty

### ORDERING INFORMATION

- Product Code: MAX-HD2-LTEA-P-IP67-WIFI
- Embedded Modem: 2
- 4G Bands/Frequencies (MHz): B1/2100, B3/1800, B5/850, B7/2600, B8/900, B18/800 Lower, B19/800 Upper, B21/1500 Upper, B28/700 APT, B38/TD 2600, B39/TD 1900+, B40/TD 2300, B41/TD 2500
- 3G Bands/Frequencies (MHz): WCDMA/HSPA+/DC-HSPA+: B1/2100, B5/850, B8/900, B9/1800, B19/800 Upper, UMTS: B6/800 TD-SCDMA: B39/1900
- VPN Functionality: SpeedFusion Bonding

<sup>1</sup> The frequency range for 2.4GHz and 5GHz are 2412–2472 MHz and 5180–5825 MHz respectively.

<sup>2</sup> Recommendation for sizing purposes only. No software restrictions applied.

<sup>3</sup> Router Throughput is based on Ethernet frame sizes of 1280 or 1518 bytes. Actual performance can vary across different networking environments.

<sup>▲</sup> PoE injector and AC power adapter are 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.