RISING CONNECTION

peplink | PEPWAVE
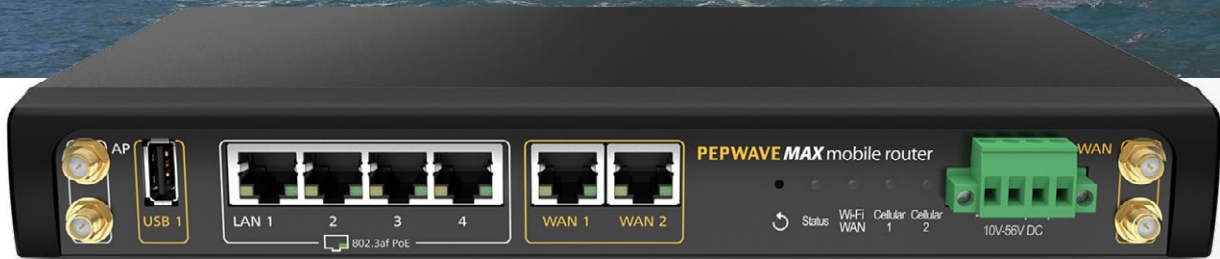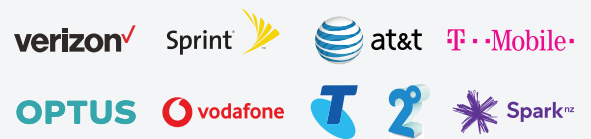
Dual 4G LTE Mobile Router

MAX HD2

Dual 4G LTE Mobile Router

The HD2 gives you blazing fast connectivity on the road with dual embedded cellular modems, SpeedFusion bandwidth bonding, simultaneous dual-band 11ac Wi-Fi and a built-in 4-port GE switch with PoE capability.

Compatible With:

verizon✓   Sprint   at&t   T··Mobile·

OPTUS   vodafone   T   2°   Spark nz

And worldwide 4G LTE/3G carriers

RISING CONNECTION

Dual Cellular for Multiple Carriers

MAX HD2 has two embedded cellular modems and dual SIM slots that allows you to use the same or different cellular providers for bandwidth bonding or for eliminating blind spots.

Terminal Block for Secure Power Supply

The MAX HD2 is equipped with a terminal block for secure installation in vehicles and other locations.

10V-56V DC Terminal Block

SpeedFusion™
VPN Bonding Technology

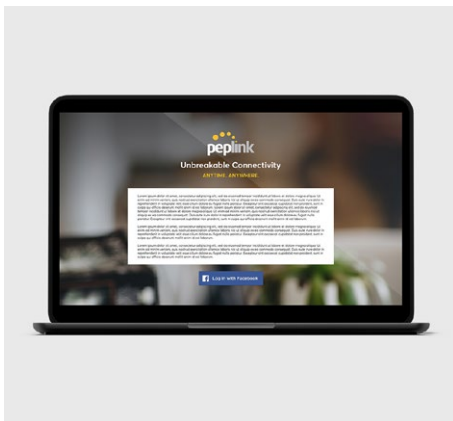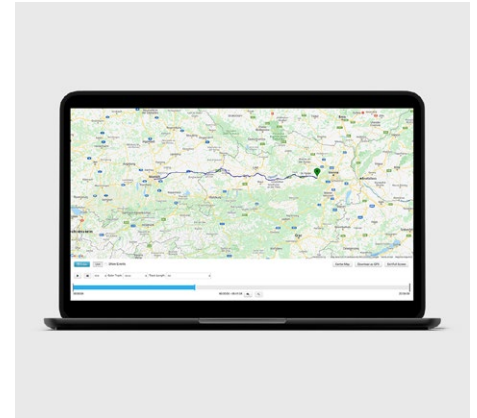## Speed & Reliability. Brought by SpeedFusion™

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

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. InControl2 is our cloud based device management, monitoring, and reporting tool designed specifically for Peplink and Pepwave devices.

Customise 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.
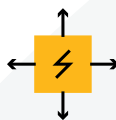
Certified Toughness

In addition to rugged metal enclosure, the MAX HD2 is certified on:

Shock and vibration resistance

(EN 61373:1999 IEC 61373:1999)

RF Port Lightning Immunity

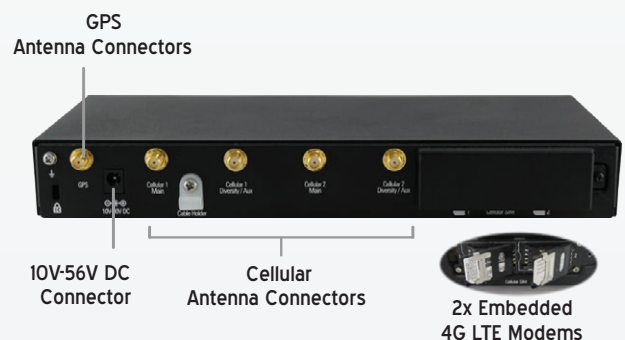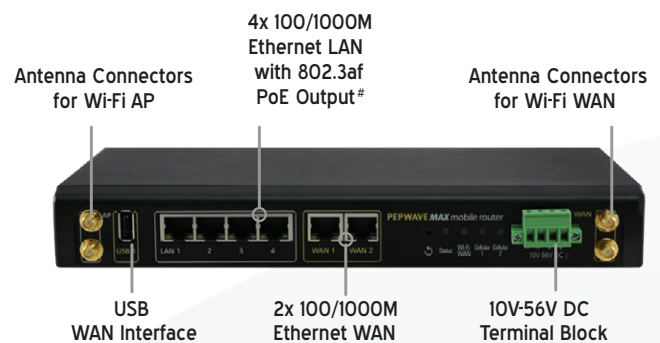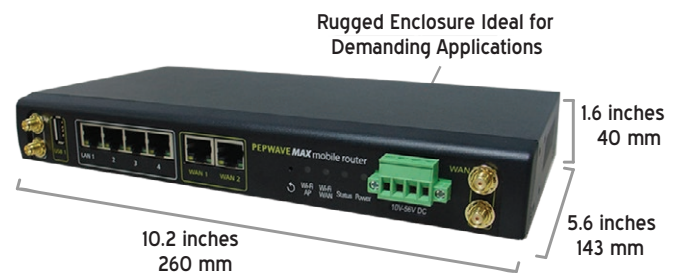(ITU-T K.20 (+/- 1.5 kV))

Railway Applications

(EN 50155)

Electromagnetic Compatibility

(EN 61000)

SPECIFICATIONS

- **WAN Interface:** 1x USB Interface, 2x GE, 2x Embedded LTE Modems

- **LAN Interface:** 4x GE

- **Wi-Fi Interface:** 802.11ac/a/b/g/n, 1166 Mbps 2x2 MIMO Wi-Fi WAN and/or AP Simultaneous Dual-Band

- **Router Throughput:** 400Mbps

- **Recommended Users:** 150

- **LTE Modem:** Downlink/Uplink Datarate: 100Mbps/50Mbps

- **LTE-A Modem:** Downlink/Uplink Datarate: 300Mbps/50Mbps

- **PepVPN/SpeedFusion Throughput:** 120Mbps (No Encryption), 55Mbps (256-bit AES)

- **Cellular & GPS Antenna Connector:**
  4x SMA Antenna Connectors
  1x SMA GPS Antenna Connector
  4x RP-SMA Wi-Fi Antenna Connectors

- **Power Input:** DC Jack/Terminal Block: 10V - 56V, 3A

- **Power Output:** Up to Four 802.3af PoE Outputs#

- **Power Consumption:** 28W (max.)

- **Dimensions:** 40 x 260 x 143 mm

- **Weight:** 1 kg

- **Operating Temperature:** -40° – 65°C

- **Humidity:** 15% – 95% (non-condensing)

- **Certifications:** FCC, CE, RoHS, E-Mark, IC,
  RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV)
  Shock and Vibration Resistance: EN 61373:1999
  IEC 61373:1999,
  Railway Applications: EN 50155
  Electromagnetic Compatibility: EN 61000

- **Warranty:** 1-Year Limited Warranty

- **Package Content:** MAX HD2,
  12V3A Power Supply (ACW-602),
  4x 2LTE Antennas (ACW-813),
  4x Wi-Fi Dual Band Antennas (ACW-341),
  4x Wi-Fi Antenna Extender with Magnetic Base (ACW-800),
  1 Pair of Mounting Brackets kit (ACW-721),
  1x GPS Antenna (ACW-232)

Rugged Enclosure Ideal for Demanding Applications

1.6 inches
40 mm

5.6 inches
143 mm

10.2 inches
260 mm

Antenna Connectors for Wi-Fi AP

4x 100/1000M Ethernet LAN with 802.3af PoE Output#

Antenna Connectors for Wi-Fi WAN

USB WAN Interface

2x 100/1000M Ethernet WAN

10V-56V DC Terminal Block

GPS Antenna Connectors

10V-56V DC Connector

Cellular Antenna Connectors

2x Embedded 4G LTE Modems

#PoE Activation Kit is available separately

ORDERING INFORMATION

Product Code	Carrier	Embedded Modems	4G Bands	3G Bands
MAX-HD2-LTEA-P-T	Asia Pacific / CAT-6	2	4G LTE-A: 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
MAX-HD2-LTEA-WK-T	Global* / CAT-12 / CAT-6	2	Cellular 1: 4G LTE-A Pro: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66 Cellular 2: 4G LTE-A: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	Cellular 1: HSPA+: B1, B2, B4, B5, B6, B8, B9, B19 Cellular 2: WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8

* China & HK TD LTE are excluded.

FEATURE ADD-ON

Product Code	Description
ACW-622	Includes 1x 56V Power Supply Enables 802.3at/af PoE Output Ports (PoE License automatically applied after kit purchase)
MAX-HD-020-SPF	Supports up to 20 PepVPN/SpeedFusion Peers
ANT-MB-42G-S-W-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (White)
ANT-MB-42G-S-B-6	7-in-1 Cellular and Wi-Fi Antenna System with GPS Receiver (Black)
ANT-MB-02-R-W-6	2x2 MIMO Wi-Fi Dual Band Antenna (White)
ANT-MB-02-R-B-6	2x2 MIMO Wi-Fi Dual Band Antenna (Black)

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.