RISING CONNECTION

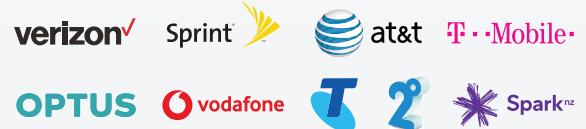**peplink | PEPWAVE**

Quad 4G LTE Mobile Router

MAX HD4

Quad 4G LTE Mobile Router

The MAX HD4 delivers outstanding performance from all your connections with the help of SpeedFusion bandwidth bonding and intelligent load balancing.

Compatible With:

verizon✓ Sprint at&t T··Mobile·

OPTUS vodafone T 2° Spark nz
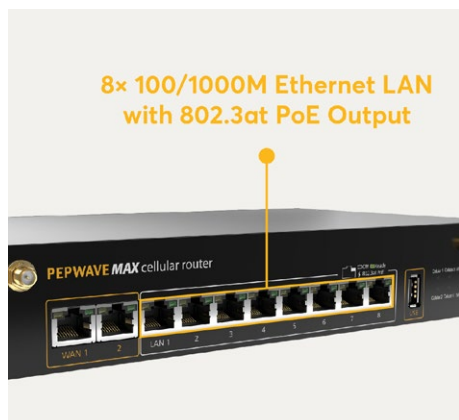
And worldwide 4G LTE/3G carriers

RISING CONNECTION

Quad Embedded Cellular and Redundant SIM Slots

Quad Cellular Modems and Redundant SIM slots allow you to use up to four different cellular providers for bandwidth bonding, data overage protection or eliminating blind spots.

Terminal Block for Secure Power Supply

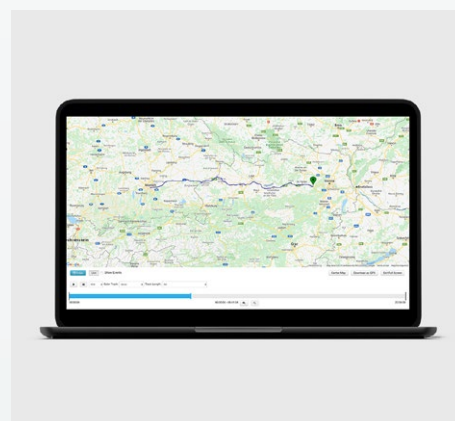The MAX HD4 is equipped with a terminal block for secure installation in vehicles and other locations.

8-Port GE Switch and Optional PoE Output

Cut down on cabling and simplify deployments. With a PoE activation kit purchase, the HD4 supports 802.3at PoE Output, so one cable is all you need for both connectivity and power.

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.
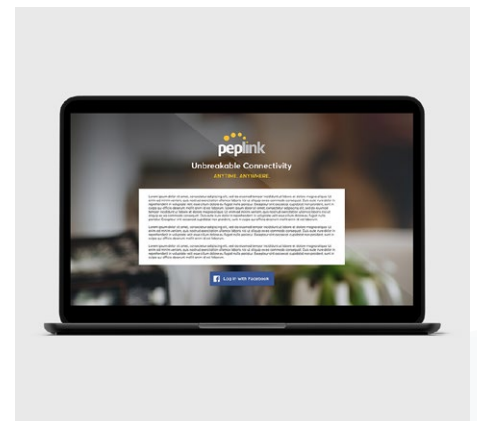
Speed & Reliability. Brought by SpeedFusion™

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

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 HD4 is certified on:

Shock and vibration resistance

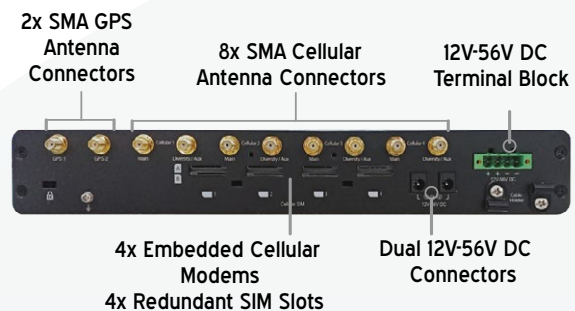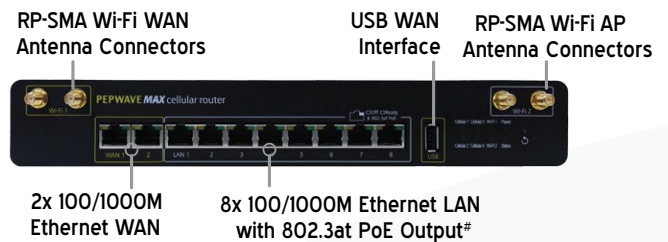(EN 61373:1999 IEC 61373:1999)

Railway Applications

(EN 50155)

Electromagnetic Compatibility

(EN 61000)

RISING CONNECTION

SPECIFICATIONS

- **WAN Interface:** 1x USB Interface, 2x GE,
  4x Embedded LTE-A Modems with Redundant SIM Slots

- **LAN Interface:** 8x 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:** 500

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

- **LTE-A Pro Modem:** Downlink/Uplink Datarate:
  600Mbps/150Mbps

- **Cellular & GPS Antenna Connector:**
  8x SMA Antenna Connectors,
  2x SMA GPS Antenna Connector,
  4x RP-SMA Wi-Fi Antenna Connectors, With Antennas

- **Power Input:** DC Jack/Terminal Block: 12V - 56V, 4A

- **Power Output:** Up to Eight 802.3at PoE Outputs

- **Power Consumption:** 38W (max. before PoE Output)

- **Dimensions:** 50 x 292 x 177 mm

- **Weight:** 1.9 kg

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

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

- **Certifications:** FCC, CE, RoHS, E-Mark, IC,
  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 HD4,
  1x 12V4.2A Power supply with power cord (ACW-635),
  4x Wi-Fi Dual Band Antennas (ACW-341),
  1x GPS Antenna (ACW-232), 4x LTE Antennas (ACW-813),
  1 Pair of Mounting Brackets (ACW-513)

2 inches
50 mm

7 inches
177 mm

11.5 inches
292 mm

RP-SMA Wi-Fi WAN
Antenna Connectors

USB WAN
Interface

RP-SMA Wi-Fi AP
Antenna Connectors

2x 100/1000M
Ethernet WAN

8x 100/1000M Ethernet LAN
with 802.3at PoE Output#

2x SMA GPS
Antenna
Connectors

8x SMA Cellular
Antenna Connectors

12V-56V DC
Terminal Block

4x Embedded Cellular
Modems
4x Redundant SIM Slots

Dual 12V-56V DC
Connectors

#PoE Activation Kit is available separately

ORDERING INFORMATION

Product Code	Carrier / Category	Embedded Modems	4G Bands	3G Bands
MAX-HD4-LTEA-P-T	Asia Pacific / CAT-6	4	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-HD4-LTEA-WK-T	Global* / CAT-12 / CAT-6	4	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 2-4: 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 2-4: WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8

*China & HK TD LTE are excluded.

FEATURE ADD-ON

Product Code	Description
ACW-618	Includes 2x 56V/2.1A Power Supply. Enables 802.3at/af PoE Output Ports (PoE License automatically applied after kit purchase)
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
MAX-HD4-LC-5WAN	WAN Port Activation License for MAX HD4. Convert LAN ports 1-3 to WAN ports 3-5.
ANT-MB-40G-S-W-6	5-in-1 Cellular Antenna System with GPS Receiver (White)
ANT-MB-40G-S-B-6	5-in-1 Cellular Antenna System with GPS Receiver (Black)
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.