RISING CONNECTION

peplink | PEPWAVE

Quad 4G LTE
Content Caching Router

MAX HD4 with MediaFast

Quad 4G LTE Content Caching Router

The MAX HD4 with MediaFast team up embedded cellular modems and other great features of the HD Series with our MediaFast content caching, which lets you store content for later playback anywhere, regardless of connectivity.
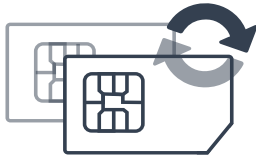
Compatible With:

verizon✓   Sprint   at&t   T··Mobile·

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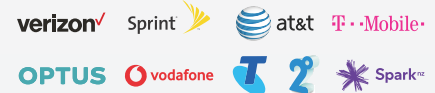
And worldwide 4G LTE/3G carriers

Works with:

iTunes U   iOS Updates   TED.com   and more...

RISING CONNECTION

Quad Embedded Cellular Modems

The MAX HD4 with MediaFast includes four built-in 4G LTE modems. It allows you to use the same or different cellular providers for bandwidth bonding, data overage protection or eliminating blind spots.

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.

Mobile Content Caching

Deliver endless content without consuming endless bandwidth. The MediaFast Editions of the HD4 let you download content once and play it back without limit, even in locations where connectivity is spotty or absent.

SpeedFusion Bandwidth Bonding and Seamless Failover

SpeedFusion™
VPN Bonding Technology

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

Customise Captive Portal

Acme

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.

Certified Toughness

In addition to rugged metal enclosure, HD4 has certifications on:
Shock and vibration resistance (EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
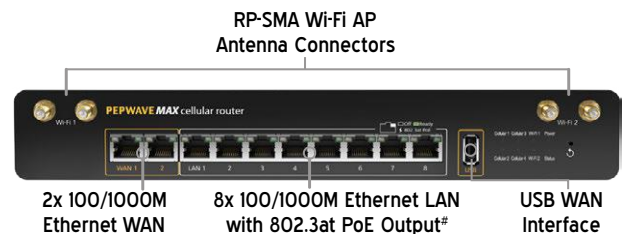Electromagnetic Compatibility (EN 61000)
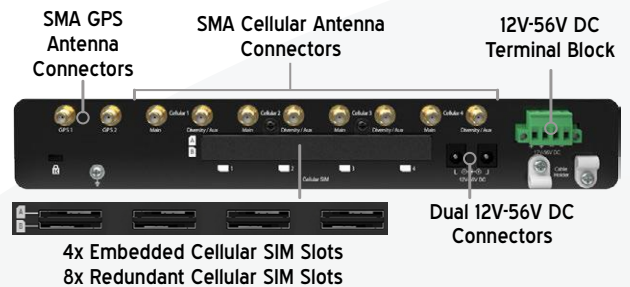
SPECIFICATIONS

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

- **LAN Interface:** 8x GE

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

- **Disk Drive:** 120GB SSD

- **Cache Throughput:** 150Mbps

- **Router Throughput:** 400Mbps

- **Recommended Users:** 500

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

- **Cellular Antenna Connector:** 8x SMA Antenna Connectors

- **GPS and Wi-Fi Antenna Connector:** 2x SMA GPS Antenna Connector, 4x Dual Band Wi-Fi 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, EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance, EN 50155: Railway Applications, EN 61000: Electromagnetic Compatibility

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

- **Package Content:**
  MAX HD4 with MediaFast
  12V 4.2A Power Supply
  4x Dual Band Wi-Fi Antennas
  1x GPS Active Antenna
  8x 2dBi 4G LTE Antennas
  1 Pair of Mounting Brackets

1.9 inches
50 mm

6.9 inches
177 mm

11.5 inches
292 mm

Front

RP-SMA Wi-Fi AP
Antenna Connectors

2x 100/1000M
Ethernet WAN

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

USB WAN
Interface

Back

SMA GPS
Antenna
Connectors

SMA Cellular Antenna
Connectors

12V-56V DC
Terminal Block

Dual 12V-56V DC
Connectors

4x Embedded Cellular SIM Slots
8x Redundant Cellular SIM Slots

#PoE Activation Kit is available separately

ORDERING INFORMATION

Product Code	Carrier	Embedded Modems	Cellular Standard	4G Bands	3G Bands
MAX-HD4-MFA-LTEA-P-T	Asia Pacific	4	LTE Advanced	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 WITH MEDIAFAST − PoE ACTIVATION KIT

Product Code	Description
ACW-618	Includes 2x 56V/2.1A Power Supply, Enable 8x 802.3at/af PoE+ Output
ACW-622	Includes 1x 56V Power Supply, Enables 802.3af 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.

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.