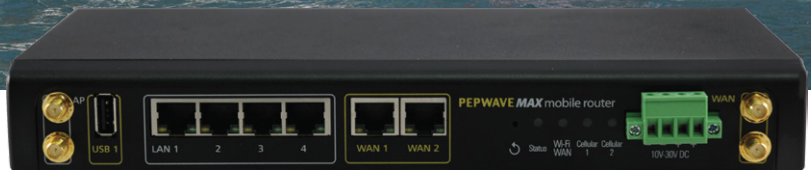# *MAX* HD2
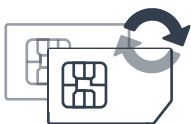## Dual 4G LTE Mobile Router

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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:

FIRSTNET READY | verizon✓ | Sprint | at&t | T··Mobile
ROGERS | TELUS | Bell | U.S. Cellular

*Selected models

Dual Cellular for Multiple Carriers

Dual SIM slots allow you to use the same or different cellular providers for bandwidth bonding or eliminating blind spots.

Fleet Tracking and Management

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

Terminal Block for Secure Power Supply

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

SpeedFusion™
VPN Bonding Technology

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.

Customize 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.
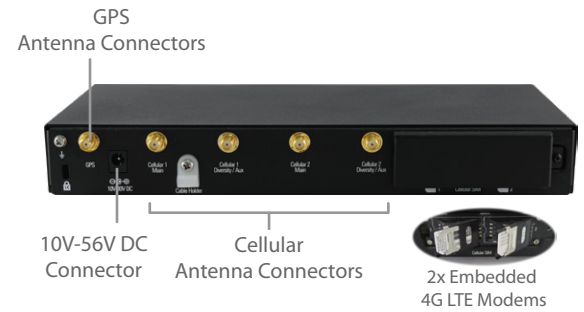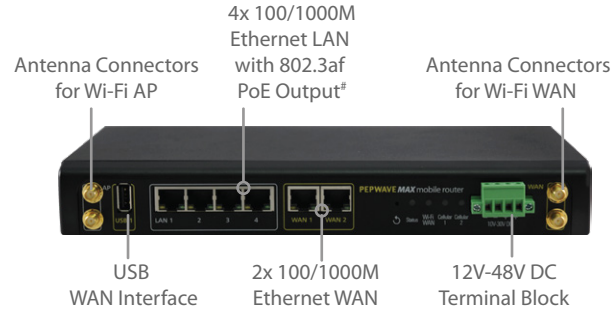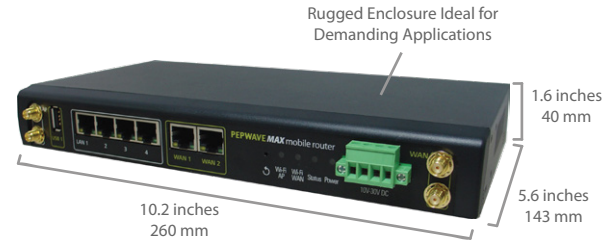
Certified Toughness

In addition to rugged metal enclosure, HD2 has certifications on:
Shock and vibration resistance (EN 61373:2010)
RF Port Lightning Immunity (ITU-T K.20 (+/- 1.5 kV))
Railway Applications (EN 50155)
Electromagnetic Compatibility (EN 61000)

Specifications

	MAX HD2
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
Downlink/Uplink Datarate	100Mbps/50Mbps (LTE Modem) 300Mbps/50Mbps (LTE-A Modem) 600Mbps/150Mbps (LTE-A Pro Modem)
Cellular and 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: 12V - 48V, 2A
Power Output	Up to Four 802.3af PoE Outputs#
Power Consumption	28W (max.)
Dimensions	1.6 x 10.2 x 5.6 inches 40 x 260 x 143 mm
Weight	2.2 pounds 1 kg
Operating Temperature	-40° – 149°F -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 61373:2010 Railway Applications: EN 50155 Electromagnetic Compatibility: EN 61000
Warranty	1-Year Limited Warranty

Rugged Enclosure Ideal for Demanding Applications

1.6 inches 40 mm

10.2 inches 260 mm

5.6 inches 143 mm

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

Antenna Connectors for Wi-Fi AP

Antenna Connectors for Wi-Fi WAN

USB WAN Interface

2x 100/1000M Ethernet WAN

12V-48V 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/Region	Cellular Standard	4G Bands	3G Bands
LTE	MAX-HD2-LTE-E-T	Europe/International	LTE	B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
LTEA	MAX-HD2-LTEA-W-T	Americas/EMEA	LTE Advanced	B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-HD2-LTEA-P-T	Asia Pacific	LTE Advanced	B1/2100, B3/1800, 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-WF-T	America/FirstNet Ready	LTE Advanced	Cellular 1: 4G LTE-A Pro: B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, **B14**, B18, B19, B20, B26, 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

Add-on Feature

Product Code	Description
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

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