

# MAX HD2 Mini



## Mission Critical 4G LTE Bandwidth Bonding Router



### Compact Dual 4G LTE Mobile Router

The HD2 Mini packs big features, such as dual embedded cellular, SpeedFusion bandwidth bonding, and PoE, into a tough, compact enclosure that stands up to life on the go.

Compatible With:



\*Selected models



### Dual Cellular and Redundant SIM Slots

Dual Cellular and Redundant SIM slots allow you to use the same or different cellular providers for bandwidth bonding, data coverage protection 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.



### Meet Strict Security Compliance

Got a strict no-Wi-Fi security policy? Configured without Wi-Fi, the BR1 ENT is a great choice for deployments with compliance requirements.



### 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.



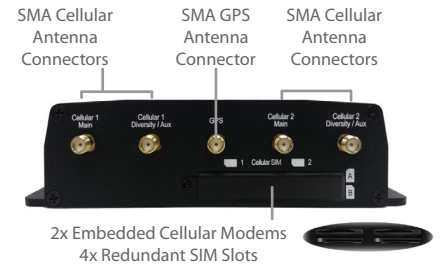
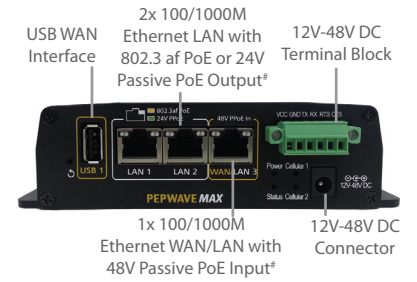
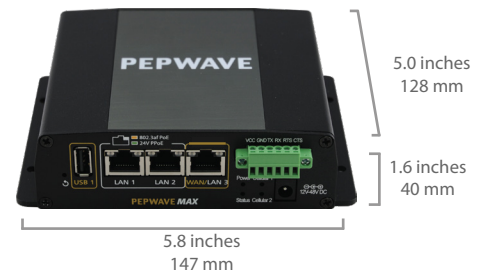
### Certified Toughness

In addition to rugged metal enclosure, HD2 Mini has certifications on:  
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)

# Specifications

MAX HD2 Mini	
WAN Interface	1x USB Interface 1x GE 2x Embedded LTE Modems with Redundant SIM Slots
LAN Interface	2x GE
Router Throughput	300Mbps
Recommended Users	150
LTE Modem	Downlink/Uplink Datarate: 100Mbps/50Mbps
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps
Cellular and GPS Antenna Connector	4x SMA Antenna Connectors 1x SMA GPS Antenna Connector
Power Input	DC Jack/Terminal Block: 12V – 48V 2A
Power Output	Up To Three 802.3af/24V Pepwave Passive PoE Outputs*
Power Consumption	15W (max.)
Dimensions	1.6 x 5.8 x 5 inches 40 x 147 x 128 mm
Weight	0.96 pounds 0.5 kg
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV) EN 61373:1999 IEC 61373:1999 : Shock and Vibration Resistance: EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility
Warranty	1-Year Limited Warranty

\*PoE Kit is available separately



## Ordering Information

	Product Code	Carrier/Region	Cellular Standard	4G Bands	3G Bands
LTE	MAX-HD2-MINI-LTE-US-T	Verizon/Sprint/AT&T/T-Mobile	LTE	4G LTE: B2, B4, B5, B13, B17, B25	WCDMA/HSPA+/DC-HSPA+: B1, B2, B4, B5, B8 EV-DO Rev.A: BC0, BC1, BC10
	MAX-HD2-MINI-LTE-UE-T	Cellular 1: Verizon/Sprint/AT&T/T-Mobile	LTE	Cellular 1: 4G LTE: B2, B4, B5, B13, B17, B25	Cellular 1: WCDMA/HSPA+/DC-HSPA+: B1, B2, B4, B5, B8 EV-DO Rev.A: BC0, BC1, BC10
		Cellular 2: Europe/International		Cellular 2: 4G LTE: B1, B3, B7, B8, B20	Cellular 2: WCDMA/HSPA+/DC-HSPA+: B1, B5, B6, B8
	MAX-HD2-MINI-LTE-E-T	Europe/International	LTE	4G LTE: B1, B3, B5, B7, B8, B20, B38 (TDD), B40(TDD), B41 (TDD)	WCDMA/HSPA+/DC-HSPA+: B1, B5, B8
LTE-A	MAX-HD2-MINI-LTEA-W-T	Worldwide	LTE Advanced	4G LTE-A: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	2500WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	MAX-HD2-MINI-LTEA-P-T	Asia Pacific	LTE Advanced	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

### 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