

MAX HD2 Mini

Mission Critical 4G LTE Bandwidth Bonding Router

PEPWAVE
Broadband Possibilities



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.

Works With

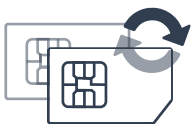
verizon

Sprint

at&t

T-Mobile

And worldwide 4G LTE/3G carriers



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[™]
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.

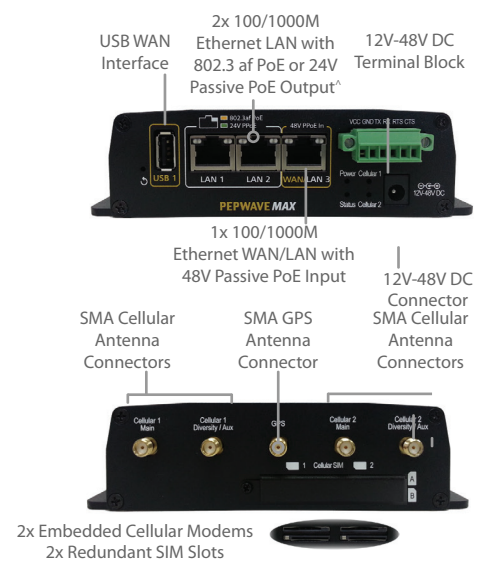
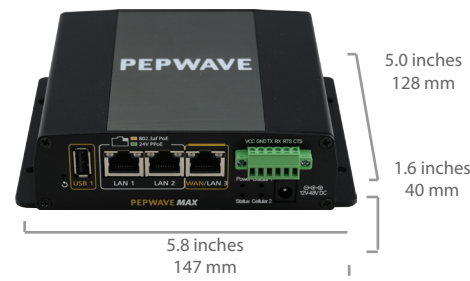


Certified Toughness

In addition to rugged metal enclosure, HD2 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	200Mbps
Recommended Users	25-150
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	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
MAX-HD2-MIN-LTE-US-T	Verizon/Sprint/AT&T/T-Mobile	2	4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
MAX-HD2-MIN-LTE-UE-T	Cellular 1: Verizon/Sprint /AT&T/T-Mobile	2	Cellular 1 4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	Cellular 1 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B4/AWS, B5/850, B8/900 EV-DO Rev.A: BC0/800, BC1/1900, BC10/800
	Cellular 2: Europe/International		Cellular 2 4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	Cellular 2 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
MAX-HD2-MIN-LTE-E-T	Europe/International	2	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900

Add-on Feature

Product Code	Product Name	Description
ACW-609	PoE Activation Kit	Includes 1x 48V Power Supply Enables 802.3af PoE Output Ports (PoE License automatically applied after kit purchase)

Features

<p>WAN Support for PPPoE, Static IP, DHCP WAN Link Health Check Bandwidth Allowance Monitor USB 4G/3G Modem Support Support for Dynamic DNS services WAN Port Convertible into LAN Port</p> <p>LAN DHCP Server for LAN Clients Extended DHCP Options DHCP Reservation DNS Proxy for LAN Clients VLAN on LAN Support Per-Port VLAN Support</p>	<p>Advanced QoS Individual Bandwidth Limit Application Prioritization SIP, HTTPS, VPN QoS Custom Application QoS</p> <p>Load Balancing Intelligent Failover Session Persistence Per-Service Load Distribution Multiple Algorithms</p> <p>Complete VPN Solution PepVPN/SpeedFusion Hot Failover Site-to-Site VPN Bandwidth Aggregation Hot Failover 256-bit AES Encryption Pre-shared Key Authentication Dynamic Routing IPsec VPN (Network-to-Network)</p>	<p>Security Stateful Firewall DoS Prevention Web Blocking Web Filtering Blacklist</p> <p>Networking NAT and IP Forwarding Static Routes Port Forwarding Many to One, One to One NAT NAT Pool SIP ALG, H.323 ALG UPnP, NAT-PMP</p> <p>Captive Portal Support Support for Wired LAN Clients Support for RADIUS Authentication Time and Usage Quotas on Open Access Mode Built-in Customizable Splash Page</p>	<p>Device Management Web Administrative Interface Command Line Interface InControl Cloud Management Email Notification Active Client & Session Lists Bandwidth Usage Statistics Syslog Service SNMP v1, v2c and v3</p> <p>Package Content MAX HD2 Mini 12V2A Power Supply 1x GPS Active Antenna 4x 2dBi 4G LTE Antennas</p>
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