

MAX HD4

Quad 4G LTE Mobile Router

PEPWAVE
Broadband Possibilities



Works With

verizon

Sprint

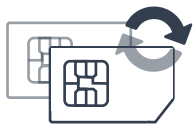
at&t

T-Mobile

And worldwide 4G LTE/3G carriers

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.



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.



Fleet Tracking and Management

With built-in GPS fleet tracking and InControl 2 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 HD4 is equipped with a terminal block for secure installation in vehicles and other locations.

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 server.

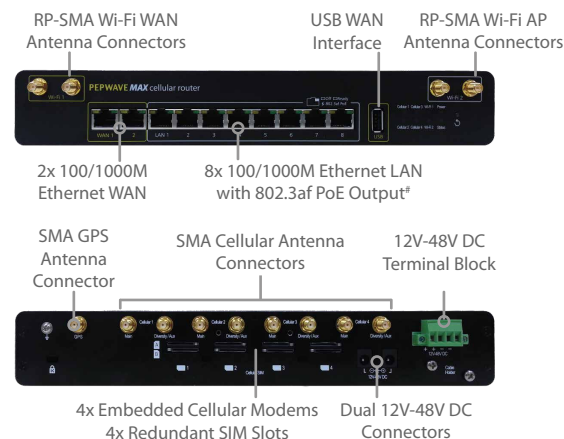


Certified Toughness

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

Specifications

MAX HD4	
WAN Interface	1x USB Interface 2x GE 4x Embedded LTE Modems with Redundant SIM Slots
LAN Interface	8x GE
Wi-Fi Interface	802.11a/b/g/n 300Mbps 2x2 MIMO Wi-Fi WAN and/or AP
Router Throughput	300Mbps
Recommended Users	50-500
Cellular and GPS Antenna Connector	8x SMA Antenna Connectors 1x SMA GPS Antenna Connector 4x RP-SMA Wi-Fi Antenna Connectors
Power Input	DC Jack/Terminal Block: 12V - 48V, 4A
Power Output	Up to Eight 802.3af PoE Outputs [#]
Power Consumption	38W (max.)
Dimensions	2.0 x 11.5 x 7.0 inches 50 x 292 x 177 mm
Weight	4.20 pounds 1.9 kg
Operating Temperature	-40° - 149°F -40° - 65°C
Humidity	15% - 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999 Railway Applications: EN 50155 Electromagnetic Compatibility: EN 61000
Warranty	1-Year Limited Warranty



[#]PoE Activation Kit is available separately.

Ordering Information

Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
MAX-HD4-LTE-US-T	Verizon/Sprint/AT&T/T-Mobile	4	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-HD4-LTE-UE-T	Cellular 1 & 2: Europe/International	4	Cellular 1 & 2 4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	Cellular 1 & 2 WCDMA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900
	Cellular 3 & 4: Verizon/Sprint/AT&T/T-Mobile		Cellular 3 & 4 4G LTE: B2/1900, B4/AWS (XLTE), B5/850, B13/700, B17/700, B25/1900	Cellular 3 & 4 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-HD4-LTE-E-T	Europe/International	4	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

MAX HD4 - PoE Activation Kit

Product Code	Description
ACW-609	Includes 1x 48V Power Supply and PoE License. Enables 4x 802.3af PoE Output Ports Requires 2x ACW-609 to enable all PoE ports

Features

<p>WAN Support for PPPoE, Static IP, DHCP WAN Link Health Check Bandwidth Allowance Monitor USB 4G/3G Modem Support IPv6 Support Support for Dynamic DNS services</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>Global Positioning System Integrated GPS Device Location Map Location Tracking Data GPS eXchange Format (GPX) Fleet Management with InControl 2</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 WINS Server VRRP HA support</p>	<p>Load Balancing Intelligent Failover Session Persistence Per-Service Load Distribution Multiple Algorithms</p> <p>Captive Portal Support Wired & Wireless LAN Client Support Support for RADIUS Authentication Time and Usage Quotas on Open Access Mode Built-in Customizable Splash Page</p> <p>Security Stateful Firewall DoS Prevention Web Blocking Web Filtering Blacklist</p>	<p>Complete VPN Solution PepVPN/SpeedFusion Hot Failover /SpeedFusion Bandwidth Bonding Site-to-Site VPN Bandwidth Bonding Hot Failover 256-bit AES Encryption Pre-shared Key Authentication Dynamic Routing X.509 Certificate Support PPTP VPN Server RADIUS, LDAP Authentication IPsec VPN (Network-to-Network) X.509 Certificate Support</p> <p>AP Controller AP Controller Support Wi-Fi Usage Statistics</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 HD4 12V4A Power Supply 4x Dual Band Wi-Fi Antennas 1x GPS Active Antenna 8x 2dBi 4G LTE Antennas 1 Pair of Mounting Brackets</p>
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