MAX HD2 IP67
Dual 4G LTE Outdoor Mobile Router

PEPWAVE
Broadband Possibilities

The HD2 IP67 offers dual embedded cellular modems and PoE support, all encased in a shock and vibration certified, waterproof enclosure that's more than a match for almost any environment.
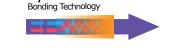
SpeedFusion™
Bonding Technology

Dual Cellular and Redundant SIM slots for Multiple Carrier.

The HD2 IP67 includes two built-in outdoor 4G LTE/3G modems and two Redundant SIM slots. It allows you to use the same or different cellular providers for bandwidth bonding or eliminating blind spots. List of supported 4G LTE carriers at: peplink.com/lte-networks/

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.

Water-proof   Dust protected   Lightning Immunity   Shock and Vibration

Super-Duty IP67 Enclosure. Shock and Vibration Certified.

Its waterproof IP67 metal enclosure stands up to dust, vibration, and inclement weather.And, it is certified shock and vibration resistant, making it a great choice for construction, drilling, and other heavy-duty applications.
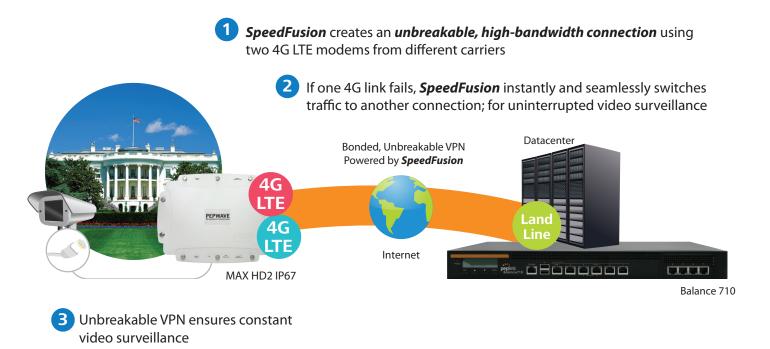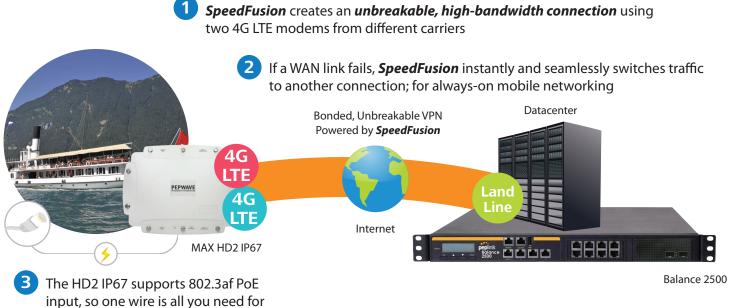
Optional PoE Input.

Cut down on cabling and simplify deployments. The HD2 IP67 supports 802.3af PoE input, so one wire is all you need for both connectivity and power. 802.af PoE Injector is available separately.

Applications

Video Surveillance – 24/7 Unbreakable CCTV

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using two 4G LTE modems from different carriers

2 If one 4G link fails, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for uninterrupted video surveillance

Bonded, Unbreakable VPN
Powered by *SpeedFusion*

Datacenter

4G LTE

4G LTE

Land Line

MAX HD2 IP67

Internet

Balance 710

3 Unbreakable VPN ensures constant video surveillance

Maritime Connectivity/Construction Site – Fast and Reliable Mobile Networking

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using two 4G LTE modems from different carriers

2 If a WAN link fails, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for always-on mobile networking

Bonded, Unbreakable VPN
Powered by *SpeedFusion*

Datacenter

4G LTE

4G LTE

Land Line

MAX HD2 IP67

Internet

Balance 2500

3 The HD2 IP67 supports 802.3af PoE input, so one wire is all you need for both connectivity and power.

InControl²
Setup. Manage. Report.

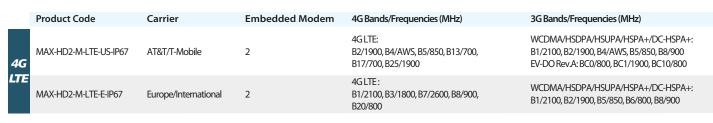**4** InControl 2 provides complete cloud-based device management, monitoring, and reporting.

Specifications

MAX HD2 IP67

WAN Interface	1x 10/100/1000M Ethernet Port 2x Embedded LTE Modem with Redundant SIM Slot
LAN Interface	1x 10/100/1000M Ethernet Ports
Router Throughput	100Mbps
Cellular Antenna Connector	4x Female N-Type Cellular Antenna Connectors
Power Input	Power over Ethernet 802.3at# DC: 12V – 48V DC
Power Consumption	25W (max.)
Dimensions	9.0 x 12.2 x 2.6 inches 230 x 310 x 66 mm
Weight	5.84 pounds 2.65 kg
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS RF Port Lightning Immunity: ITU-T K.20 (+/- 1.5 kV) Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999
Warranty	1-Year Limited Warranty

#PoE Injector is available separately.

9.0 inches 230 mm

12.2 inches / 310 mm

2x Female N-Type Cellular Antenna Connectors

Waterproof Air Vent

2.6 inches 66 mm

Ground Plate

2x Female N-Type Cellular Antenna Connectors

Waterproof Power Connector

Waterproof Ethernet Console and WAN

	Product Code	Carrier	Embedded Modem	4G Bands/Frequencies (MHz)	3G Bands/Frequencies (MHz)
4G LTE	MAX-HD2-M-LTE-US-IP67	AT&T/T-Mobile	2	4G LTE: B2/1900, B4/AWS, B5/850, B13/700, B17/700, B25/1900	WCDMA/HSDPA/HSUPA/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-M-LTE-E-IP67	Europe/International	2	4G LTE: B1/2100, B3/1800, B7/2600, B8/900, B20/800	WCDMA/HSDPA/HSUPA/HSPA+/DC-HSPA+: B1/2100, B2/1900, B5/850, B6/800, B8/900

PoE Injector

Product Code	Description
ACW-107	Includes 1x 802.3af/at PoE Injector

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
IPv6 Support
Support for Dynamic DNS services

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support

Load Balancing
Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

Complete VPN Solution
PepVPN/SpeedFusion Hot Failover/
SpeedFusion Bandwidth Bonding
  Site-to-Site VPN
  Bandwidth Aggregation
  Hot Failover
  256-bit AES Encryption
  Pre-shared Key Authentication
  Dynamic Routing
  X.509 Certificate Support
IPsec VPN (Network-to-Network)
  X.509 Certificate Support

Advanced QoS
User Groups
  Bandwidth Reservation
  Individual Bandwidth Limit
Application Prioritization
  By User Groups
  SIP, HTTPS, VPN QoS
  Custom Application QoS

AP Controller
AP Controller Support
Wi-Fi Usage Statistics

Captive Portal Support
Support for Wired and Wireless LAN Clients
Support for RADIUS Authentication
Support for LDAP Authentication
Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page

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

Security
Stateful Firewall
DoS Prevention
Web Blocking

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

Package Content
MAX HD2 IP67
Waterproof Power Connector Kit
2x Waterproof Ethernet Connector Kit
Mounting Kit

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