MAX On-The-Go/700

PEPWAVE
Broadband Possibilities

Secure and Fast Internet or VPN Connections Anywhere You Work.

MAX On-The-Go

MAX 700

Turbocharged Mobile Access. Anytime. Everywhere.

The Pepwave MAX On-The-Go/700 bonds the bandwidth of up to four 4G LTE/3G USB modems using SpeedFusion™ technology to deliver secure and fast Internet or VPN connections anywhere you work. You can even create your own hotspot or boost your bandwidth with available Wi-Fi connections using built-in 802.11n networking, making the MAX On-The-Go/700 the ultimate mobile connectivity solution.

Unparalleled Modem Compatibility
200+ USB Modems from Worldwide Carriers

SpeedFusion™
Bonding Technology
Unbreakable VPN

AP Controller
Powerful Software-Based AP Management

InControl²
Setup. Manage. Report.
InControl 2 Cloud Management

Works With
verizon at&t Sprint T··Mobile· lte
See a list of supported modems at peplink.com/modem

Automatic WAN Failover. Uptime. All the Time.
Wherever you roam, the MAX On-The-Go/700 keeps you online without interruption by automatically sensing connection status and switching between Ethernet WAN and up to four 4G LTE/3G links as needed. It all happens so quickly and seamlessly that you probably won't even notice occasional link connectivity issues.

Centralized Management. At Your Desk or From the Cloud.
Pepwave's intuitive local web administration interface and our InControl 2 management solution make it easy to take charge of your MAX On-The-Go/700 from across the office or halfway around the world.

Wide-Ranging Cellular Modem Support. Chances Are, You're Good to Go.
The MAX On-The-Go/700's four USB ports support more than 200 4G LTE/3G modems used by a variety of carriers worldwide. Whatever you're using, it'll probably work without a hitch.

Cap- and Cost-Aware Routing. Minimized Expenses. Maximized Performance.
The MAX On-The-Go/700's bandwidth usage monitor allows you to prioritize connections by cost and data allowance. It automatically switches between connections to give you the best performance at the lowest cost, and you'll never again have to worry about expensive data overages.
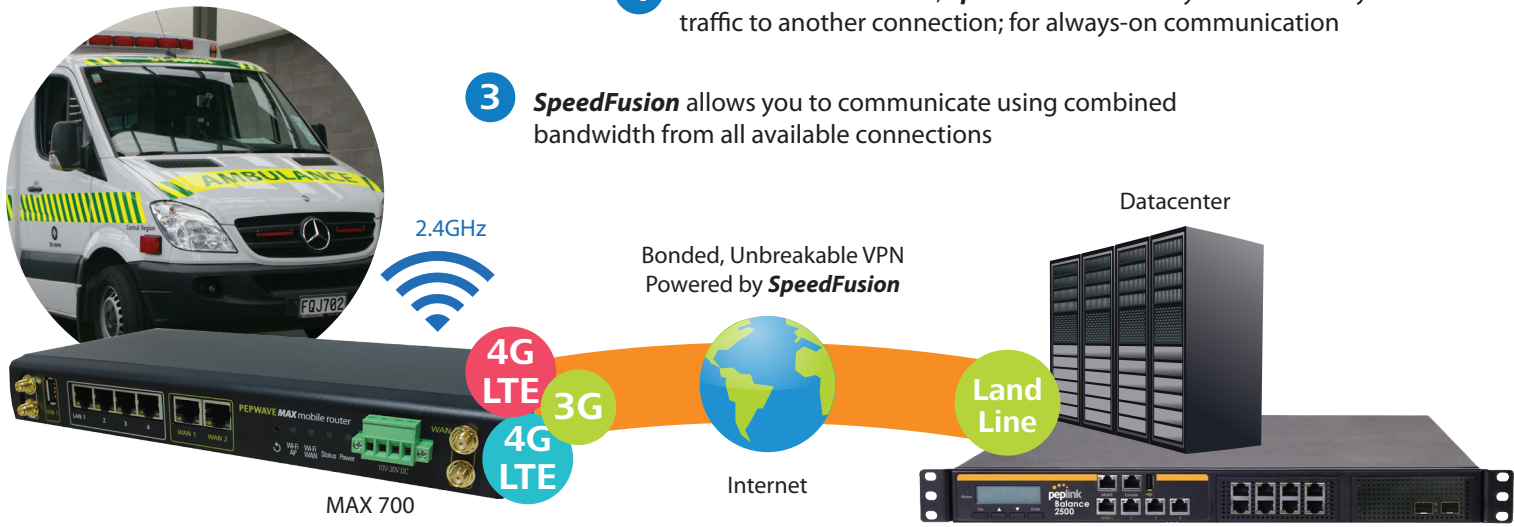
Application

## First Responders – Unbreakable VPN for Mission-Critical Emergency Communication

2 Unbreakable VPN powers uninterrupted communication and resource access

4 In case of a WAN failure, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for always-on communication

3 *SpeedFusion* allows you to communicate using combined bandwidth from all available connections

2.4GHz

Datacenter

Bonded, Unbreakable VPN
Powered by *SpeedFusion*

4G LTE
3G
4G LTE

Internet

Land Line

MAX 700

Balance 2500

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using multiple USB 4G LTE/3G modems from different carriers
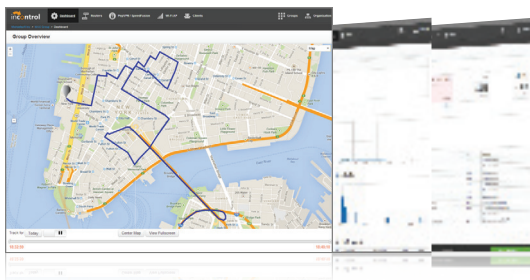
InControl²

Setup. Manage. Report.

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

SMBs – Landline Alternative for Construction Site and Remote/Temporary Workstation

3 With MAX 700's built-in AP Controller, you can extend your Wi-Fi coverage with AP One, configure and get detailed access point usage reports anytime, right from your MAX 700

2.4GHz

Ethernet LAN

AP One

MAX 700

4G LTE
4G LTE
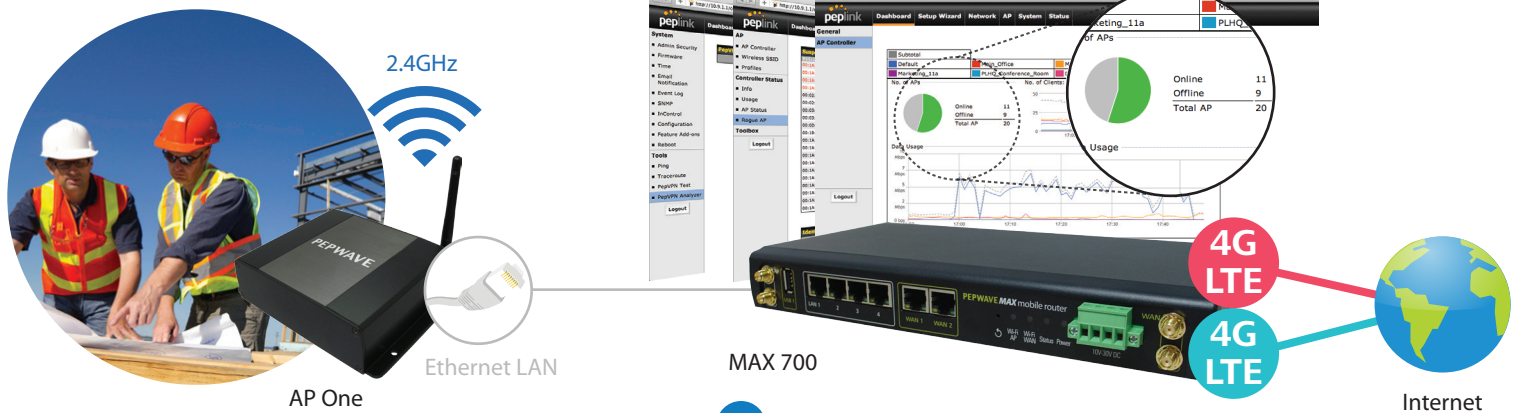
Internet

1 In areas where landline is not feasible, you can connect to multiple 4G LTE/3G with MAX 700 for ultra-fast and ultra-reliabile Internet connectivity

The AP One is available in a variety of configurations. Whether you need Wi-Fi in a single conference room or across a large outdoor area, there's an AP One model built for the job. Visit peplink.com/ap-one for details.
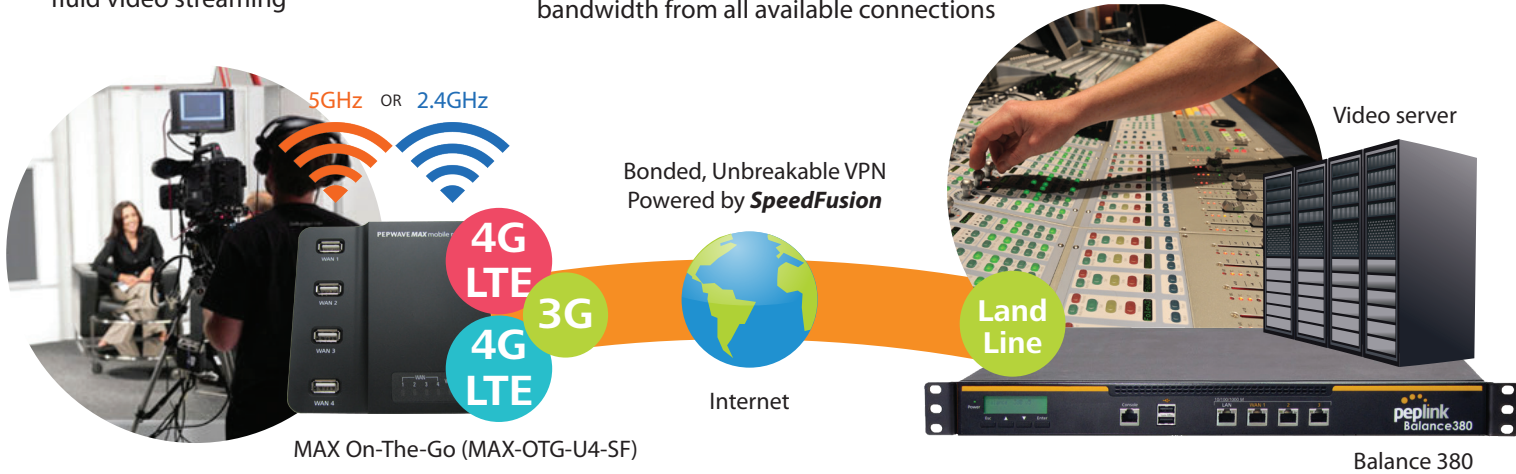
2 State-of-the-art load balancing and failover for unparalleled uptime

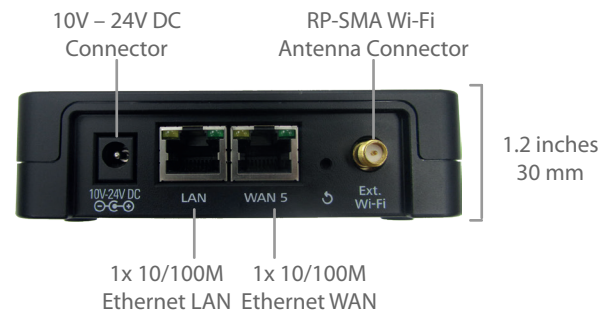# Broadcasting and Media – Blazing Fast Video Broadcast on Multiple 4G LTE/3G Links

4 In case of a WAN failure, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for ultra-reliable video streaming
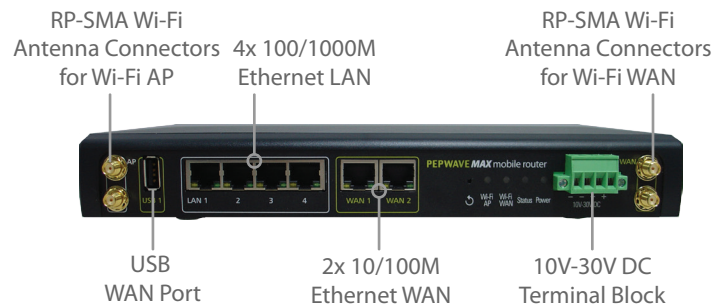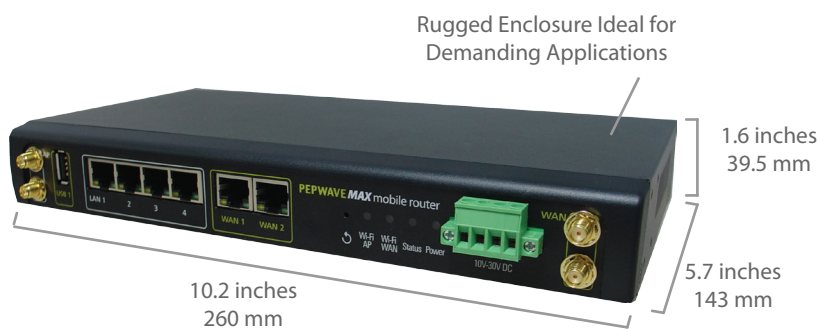
2 Unbreakable VPN delivers fast and fluid video streaming

3 *SpeedFusion* allows you to transfer video using bandwidth from all available connections

5GHz OR 2.4GHz

4G LTE
3G
4G LTE

Bonded, Unbreakable VPN Powered by *SpeedFusion*

Internet

Land Line

Video server

MAX On-The-Go (MAX-OTG-U4-SF)

Balance 380

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using multiple USB 4G LTE/3G modems from different carriers

Hardware

MAX On-The-Go

PEPWAVE MAX mobile router

WAN 1
WAN 2
WAN 3
WAN 4

WAN 1 2 3 4 Wi-Fi Status

Integrated 1dBi Omni WiFi Antenna

4x USB WAN Interfaces

Low-Profile, All-Purpose Enclosure

Wall-Mountable

4.3 inches 110 mm

4.3 inches 110 mm

10V – 24V DC Connector

RP-SMA Wi-Fi Antenna Connector

1.2 inches 30 mm

10V-24V DC   LAN   WAN 5   Ext. Wi-Fi

1x 10/100M Ethernet LAN

1x 10/100M Ethernet WAN

MAX 700

Rugged Enclosure Ideal for Demanding Applications

PEPWAVE MAX mobile router

LAN 1 2 3 4   WAN 1 WAN 2   Wi-Fi AP Wi-Fi WAN Status Power   10V-30V DC

10.2 inches 260 mm

1.6 inches 39.5 mm

5.7 inches 143 mm

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi AP

4x 100/1000M Ethernet LAN

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi WAN

USB 1   LAN 1 2 3 4   WAN 1 WAN 2   Wi-Fi AP Wi-Fi WAN Status Power   10V-30V DC   PEPWAVE MAX mobile router

USB WAN Port

2x 10/100M Ethernet WAN

10V-30V DC Terminal Block

WAN   USB 2 USB 3 USB 4

10V-30V DC Connector

3x USB WAN Interfaces

Specifications

	MAX On-The-Go	MAX 700
WAN Interface	4x USB Interfaces 1x 10/100M Ethernet Port	4x USB Interfaces 2x 10/100M Ethernet Ports
LAN Interface	1x 10/100M Ethernet Port	4x 100/1000M Ethernet Ports
W-Fi Interface	1x 802.11a/n or b/g/n 150Mbps Wi-Fi WAN and/or AP	1x 802.11b/g/n 300Mbps Wi-Fi WAN 1x 802.11b/g/n 300Mbps Wi-Fi AP
Wi-Fi AP Operating Frequency	2412 – 2472 MHz or 5180 - 5825 MHz	2412 – 2472 MHz
Router Throughput	100Mbps	
PepVPN	●	●
SpeedFusion Hot Failover	●*	●
SpeedFusion Bandwidth Bonding	●*	●
Number of PepVPN/SpeedFusion Peers	2*	2
PepVPN/SpeedFusion Throughput (no encryption)	40Mbps	60Mbps
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps	30Mbps
Wi-Fi Antenna	Integrated 1dBi Omni Antenna Switchable to RP-SMA Connector for External Wi-Fi Antenna	4x RP-SMA Connectors
Enclosure	Low-Profile, All-Purpose	Indoor Metal
Dimension	1.2 x 4.3 x 4.3 inches 30 x 110 x 110 mm	1.6 x 10.2 x 5.7 inches 39.5 x 260 x 143 mm
Weight	0.43 pounds 195 grams	2.65 pounds 1.2 kg
Power Input	Device: 10V – 24V DC AC Adapter: AC Input 100V – 240V, DC Output 12V, 2A	Device: 10V – 30V DC, 3A AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 10V – 30V DC, 3A
Power Consumption	20W (max.)	28W (max.)
Operating Temperature	-14° – 149°F -10° – 65°C	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)	
Certifications	FCC, CE, RoHS	
RF Port Lighting Immunity: ITU-T K.20 (+/- 1.5 kV)	○	●
Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999	○	●
Warranty	1-Year Limited Warranty	

*Available on selected models. For the most updated specifications, please refer to our website: http://www.pepwave.com/max-mobile-router/.

Features

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
WAN Port Convertible into LAN Port*

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

*Available on selected models.

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

Certification
FCC, CE, RoHS
Shock and Vibration Resistance*
RF Port Lighting Immunity*

Product Ordering Information

MAX On-The-Go

Product Code	Description
MAX-OTG-U1	Single-USB 4G LTE/3G router. Supports PepVPN . Upgradable to MAX-OTG-U4 or MAX-OTG-SF with license key.
MAX-OTG-U4	Quad-USB 4G LTE/3G router. Supports PepVPN and quad-WAN load balancing & failover. Upgradable to MAX-OTG-SF with license key.
MAX-OTG-U4-SF	Quad-USB 4G LTE/3G router. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion Bandwidth Bonding and quad-WAN load balancing & failover.

MAX 700

Product Code	Description
MAS-GN2-R	Quad-USB 4G LTE/3G router. Supports 200+ USB 4G LTE / 3G modems from mobile carriers including Verizon, AT&T, T-Mobile, Sprint, and worldwide carrier. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion Bandwidth Bonding and quad-WAN load balancing & failover.