Specifications

	Balance 30 Pro
WAN Interface	2x GE 1x Embedded LTE-A Modem 1x USB Interface
SpeedFusion Hot Failover	●
SpeedFusion WAN Smoothing	○ ^
SpeedFusion Bandwidth Bonding	○ ^
LAN Interface	4x GE PoE#
Wi-Fi Interface	Dual-Band 802.11ac/a/b/g/n Access Point
Stateful Firewall Throughput	400Mbps
Recommended Users	1-60
LTE-A Modem	Downlink/Uplink Datarate: 300Mbps/50Mbps
IP Passthrough	●
Antenna Connectors	2x SMA Antenna Connectors 4x RP-SMA Wi-Fi Antenna Connectors
Power Input	DC Jack: 10V - 56V
Power Output	Up to Four 802.3af PoE Outputs#
Power Consumption	28W (max.)
Dimensions	1.6 x 10.2 x 5.6 inches 40 x 260 x 143 mm
Weight	2.2 pounds / 1 kg
Operating Temperature	-40° – 149°F / -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS
Warranty	1-Year Limited Warranty

^ Available as a license add-on.
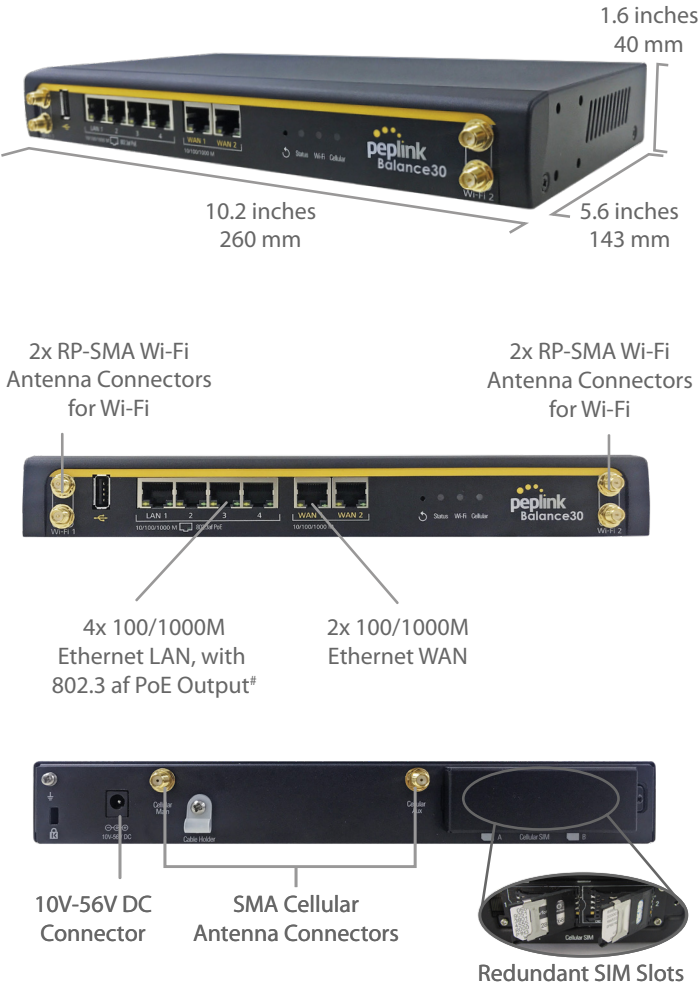# PoE Activation Kit is available separately, needs at least 48V of input for PoE output

1.6 inches
40 mm

10.2 inches
260 mm

5.6 inches
143 mm

2x RP-SMA Wi-Fi
Antenna Connectors
for Wi-Fi

2x RP-SMA Wi-Fi
Antenna Connectors
for Wi-Fi

4x 100/1000M
Ethernet LAN, with
802.3 af PoE Output#

2x 100/1000M
Ethernet WAN

10V-56V DC
Connector

SMA Cellular
Antenna Connectors

Redundant SIM Slots

Product Ordering Information

	Product Code	Carrier	Embedded Modem	4G Bands	3G Bands
LTEA	BPL-031-LTEA-W-T	Worldwide	1	B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41	WCDMA/HSPA+/DC-HSPA+: B1, B2, B3, B4, B5, B8
	BPL-031-LTEA-P-T	Asia Pacific	1	B1, B3, B5, B7, B8, B18, B19, B21, B28, B38, B39, B40, B41	WCDMA/HSPA+/DC-HSPA+: B1, B5, B6, B8, B9, B19 TD-SCDMA: B39

Ordering Information - PoE Activation Kit

Product Code	Description
ACW-622	Includes 1x 56V Power Supply, enables 802.3at/af PoE Output Ports (PoE License automatically applied after kit purchase)

WAN
USB 4G/3G Modem Support
Support for PPPoE, Static IP, DHCP
Support for Dynamic DNS services
WAN Link Health Check
Intelligent Failover
Bandwidth Allowance Monitor

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

Security

Stateful Firewall
DoS Prevention
AP Controller
Auto AP Discovery
Auto AP Firmware Management
AP Profile Configuration
Wi-Fi Usage Statistics

Complete VPN Solution
PepVPN / SpeedFusion Hot Failover
Site-to-Site VPN
Hot Failover
256-bit AES Encryption
Pre-shared Key Authentication
Dynamic Routing
IPsec VPN (Network-to-Network)

Load Balancing
Intelligent Failover
Per-Service Load Distribution
Multiple Algorithms

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
BGP, OSPFv2 and RIPv2 Support

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

Captive Portal Support
Support for Wired and Wireless LAN Clients
Support RADIUS Authentication
Support LDAP Authentication

Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page

Device Management
Web Administrative Interface
Command Line Interface
InControl Cloud Management
Email Notification
Active Client & Session Lists
Bandwidth Usage Statistics
Syslog Service
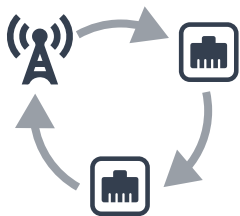SNMP v1, v2c and v3

Certification
FCC, CE, RoHS

Peplink Balance 30 Pro
SD-WAN Branch Router with LTE Failover
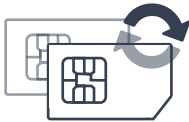
peplink | PEPWAVE

Unbreakable Branch Connectivity
The Balance 30 Pro comes equipped with two Ethernet WAN and one cellular WAN for automatic failover, making it an ideal choice for branch offices that absolutely must stay connected.
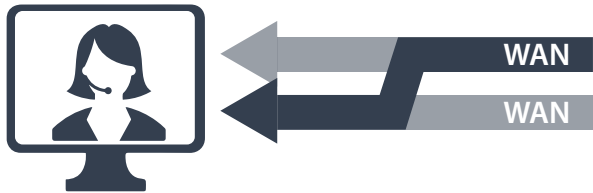
WAN
WAN

SD-WAN With Dual Wired Ports and LTE
The Balance 30 Pro supports two wired connections and one LTE with SD-WAN capabilities for traffic steering, load sharing and failover, powering your critical business continuity.

SpeedFusion Hot Failover, Great for VoIP
Balance 30 Pro automatically re-establishes your SpeedFusion connection on lower priority link when your primary WAN fails. Your VPN stays up, and you stay seamlessly connected.

Redundant SIM Slots for Multiple Carriers
Redundant SIM slots with automatic switching for reliable network. You can set the Balance 30 Pro to automatically switch SIM cards when you're in danger of data overage, or aggregate capacity of multiple SIM data plans.

4-port PoE-Enabled GE LAN Switch
With the PoE activation kit, all LAN ports can support PoE output. That way, you can hook PoE powered devices such as IP Phones and additional Wi-Fi APs. Perfect for Branch Networking.
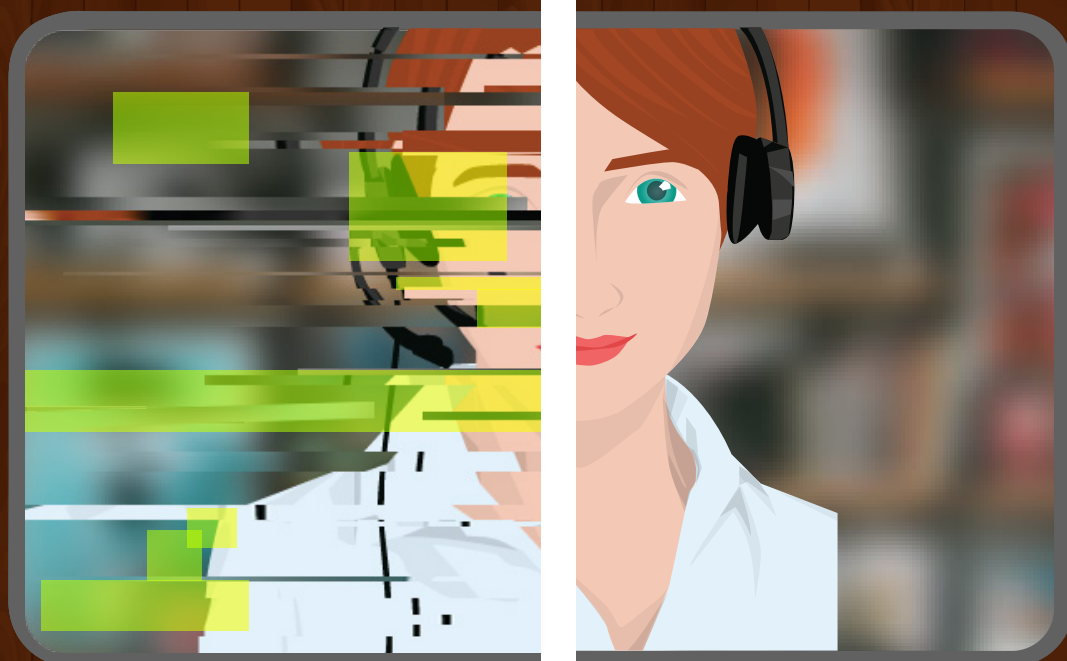
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LTE

DSL

DSL

Internet

Connect Everything With 4x PoE Ports

PEPWAVE

Access Point

Webcam

SpeedFusion WAN Smoothing

**802.11
ac Wi-Fi**

VoIP Phone

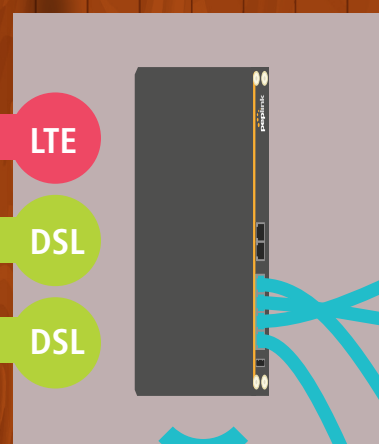## WAN Smoothing For Unbreakable VoIP and Videoconferencing

Before　　　**After**

Connectivity does not guarantee streaming quality: even an online connection can suffer from packet loss. High packet loss leads to jittering and stuttering, affecting your streaming experience and conversation quality. Our Solution: SpeedFusion WAN Smoothing. This technology uses bandwidth from other connections to make up for the packet loss. The result: smooth and uninterrupted conversation.
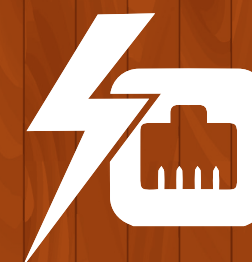
One-Device Small Branch Networking Solution

**Unbreakable
Connectivity**

**4x 802.3af
PoE Outputs**

**802.11ac
Wi-Fi**

**Traffic
Control**

XXX

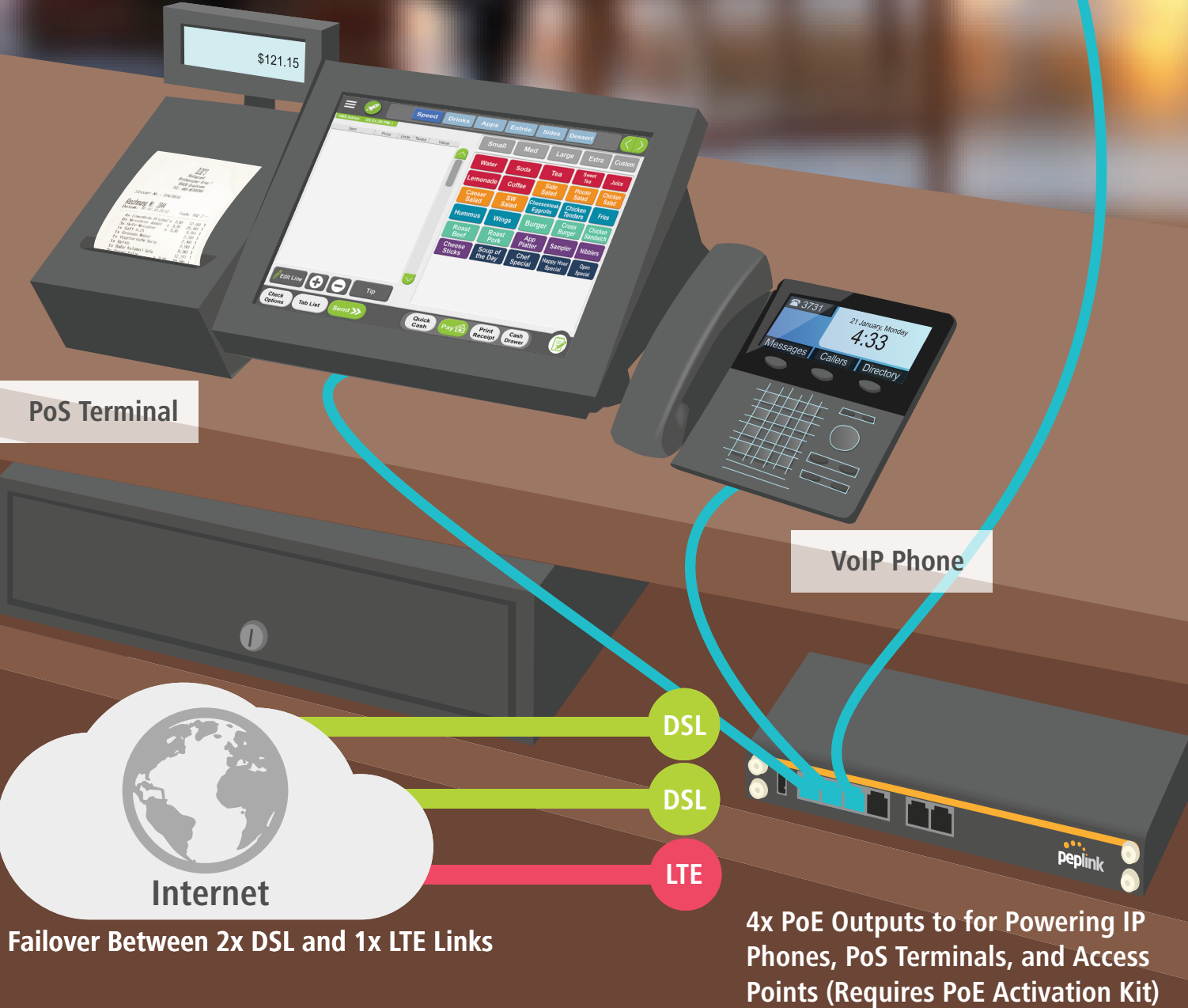**peplink | Balance 30 Pro**

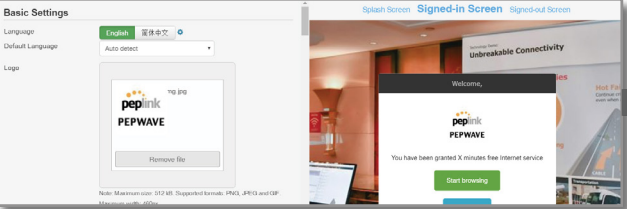# One-Device Retail Connectivity Solution

The Balance 30 Pro can handle all your networking needs. With the PoE activation kit, its four PoE LAN ports can connect and power your payment terminal, IP phones, Wi-Fi hotspots. The Balance 30 Pro has one cellular and two Ethernet connections, ensuring that your network and business will keep running no matter what.

With Peplink PrimeCare Advance, you can enjoy turn the Balance 30 Pro into a source of revenue and customer data. Use the Ad Delivery service to deliver advertisements and surverys to your customers before they connect to your Wi-Fi.
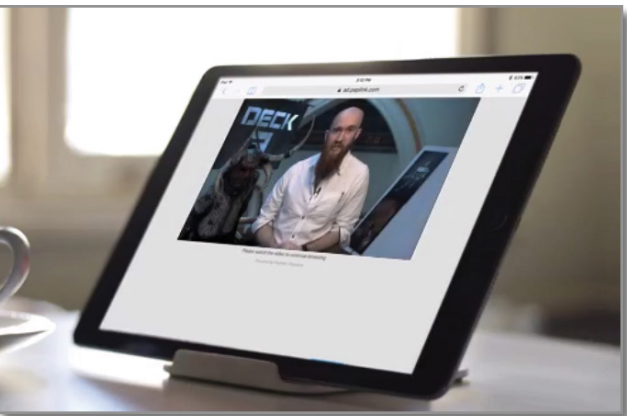
Access Point

PEPWAVE

$121.15

PoS Terminal

VoIP Phone

Internet

DSL

DSL

LTE

Failover Between 2x DSL and 1x LTE Links

peplink

4x PoE Outputs to for Powering IP Phones, PoS Terminals, and Access Points (Requires PoE Activation Kit)

Customizable Captive Portal With Ad Delivery
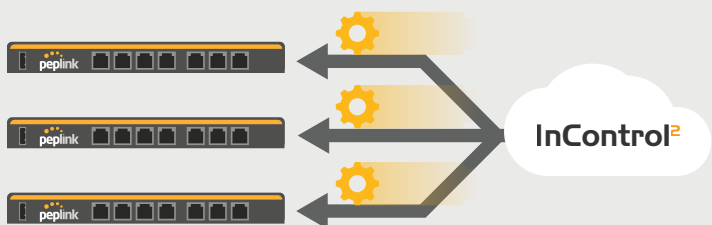
Customizable Captive Portal

Apply Advertisements and Surveys

Use InControl to customize the captive portal and apply it to any SSID. With InControl's scalable architecture, you can apply the SSID to multiple devices in your network using device tags. Use the cloud-based Ad Delivery Service (ADS) to monetize your Hotspot.

InControl: Zero-Touch Provisioning

InControl makes your network scalable. From any web browser, you could remotely push a wide range of settings to multiple devices in your network.

Bulk Push Configurations

InControl²

Configuration Scheduling

QoS: Determine Traffic Priority

Application	Priority		
	Manager	Staff	Guest
SIP	↑ High	↑ High	↑ High
Skype	↑ High	↑ High	↑ High
HTTP	— Normal	— Normal	— Normal
WoW	↓ Low	↓ Low	↓ Low

Add

QoS enables you to assign different priority levels to different types of traffic. Minimize latency by giving high priority to VoIP traffic. Control data costs by limiting the speed of bandwidth-intensive applications.