

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 |
| Package Content | Balance 30 Pro, 12V2A Power Supply, 2x Cellular Antenna, 4x Wi-Fi Antenna, Mounting Kit |

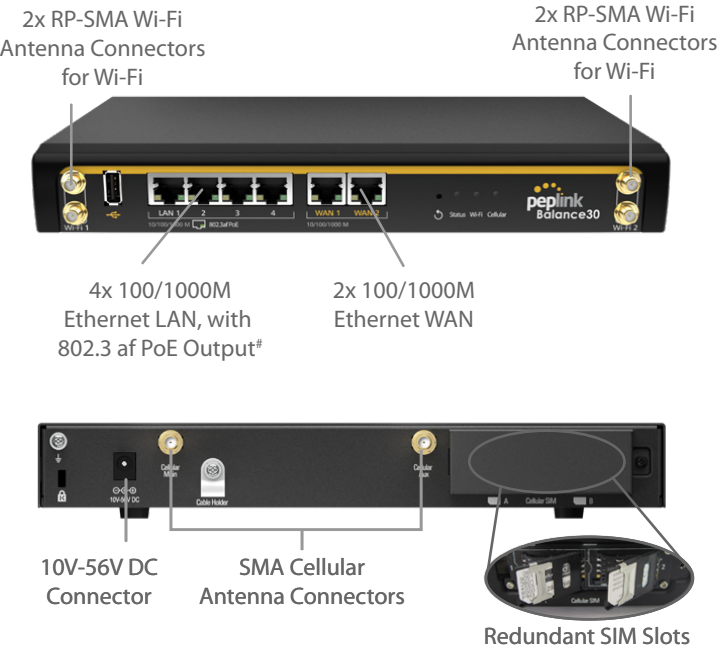
^ Available as a license add-on.
PoE Activation Kit is available separately, needs at least 48V of input for PoE output

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) |
| BPL-031-PRO-LC-SF | SpeedFusion Bonding License Key for Balance 30 Pro |

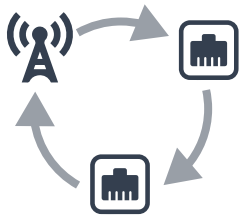


Peplink Balance 30 Pro
SD-WAN Branch Router with LTE Failover



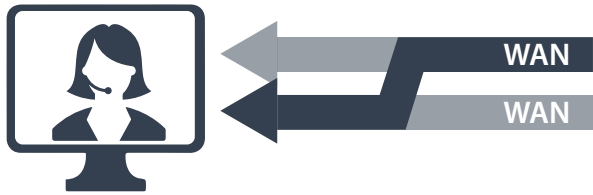
Unbreakable Branch Connectivity

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.



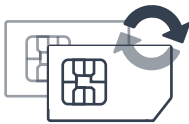
SD-WAN With Dual Wired Ports and LTE

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.





Internet

SpeedFusion WAN Smoothing

LTE

DSL

DSL

802.11
ac Wi-Fi

Connect Everything With 4x PoE Ports

PEPWAVE

Access Point

Webcam

VoIP Phone

WAN Smoothing For Unbreakable VoIP and Videoconferencing



Before

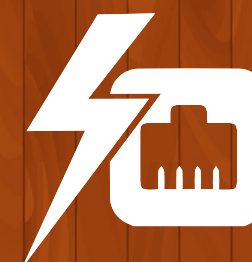
After

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



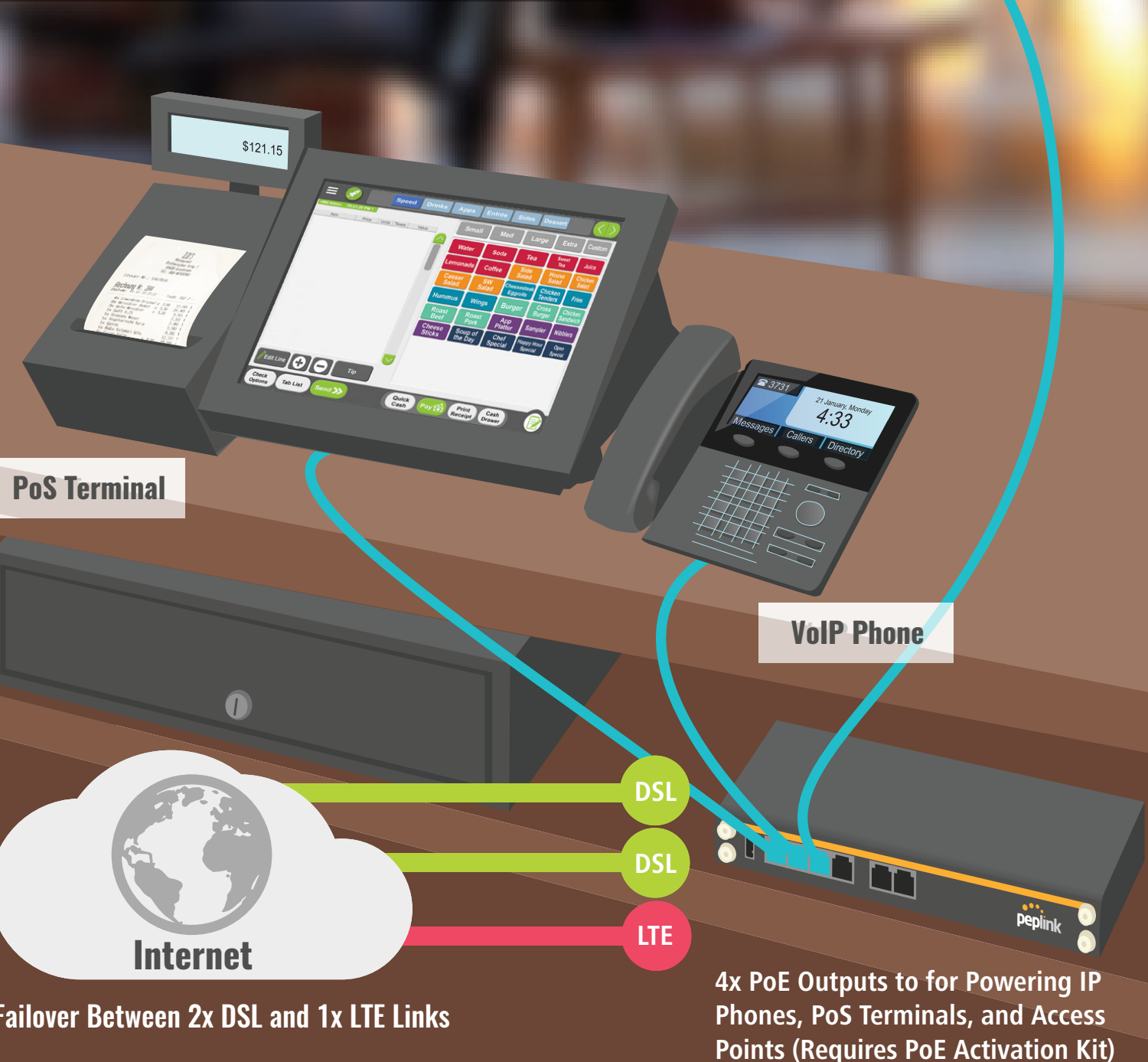
Traffic
Control

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 surveys to your customers before they connect to your Wi-Fi.

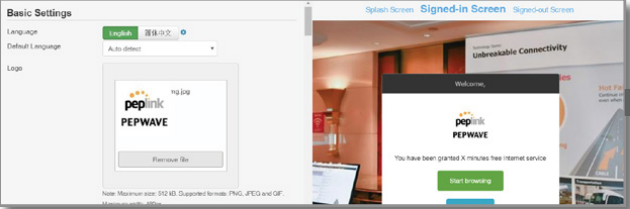


Failover Between 2x DSL and 1x LTE Links

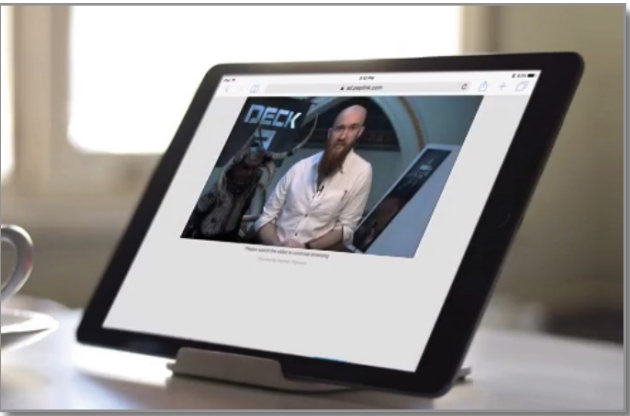


Customizable Captive Portal With Ad Delivery

Customizable Captive Portal

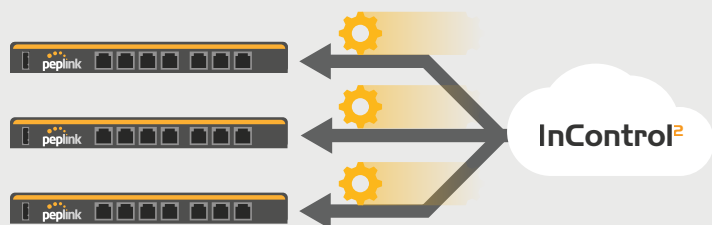


Apply Advertisements and Surveys



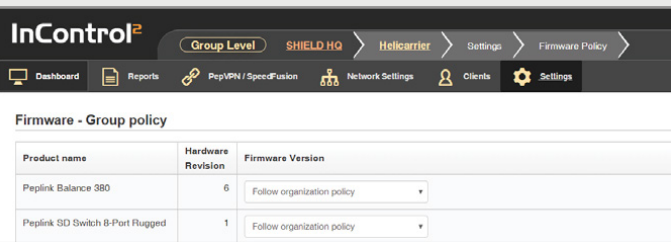
Use InControl to customize the captive portal and apply it to any SSID. With InControl's scalable architecture, you can apply the SSID to multiple devices in your network using device tags. Use the cloud-based Ad Delivery Service (ADS) to monetize your Hotspot.

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



Configuration Scheduling

| Schedule Map | | | | | | | | | | | |
|--------------|----------|-----|-----|------|-----|-----|---|---|---|---|---|
| | Midnight | 4am | 8am | Noon | 4pm | 8pm | | | | | |
| Sunday | x | x | x | x | x | x | x | x | x | x | x |
| Monday | x | x | x | x | x | x | x | x | x | x | x |
| Tuesday | x | x | x | x | x | x | x | x | x | x | x |
| Wednesday | x | x | x | x | x | x | x | x | x | x | x |
| Thursday | x | x | x | x | x | x | x | x | x | x | x |
| Friday | x | x | x | x | x | x | x | x | x | x | x |
| Saturday | x | x | x | x | x | x | x | x | x | x | x |

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.

