

Specifications

Balance 30 Pro	
WANInterface	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	150
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

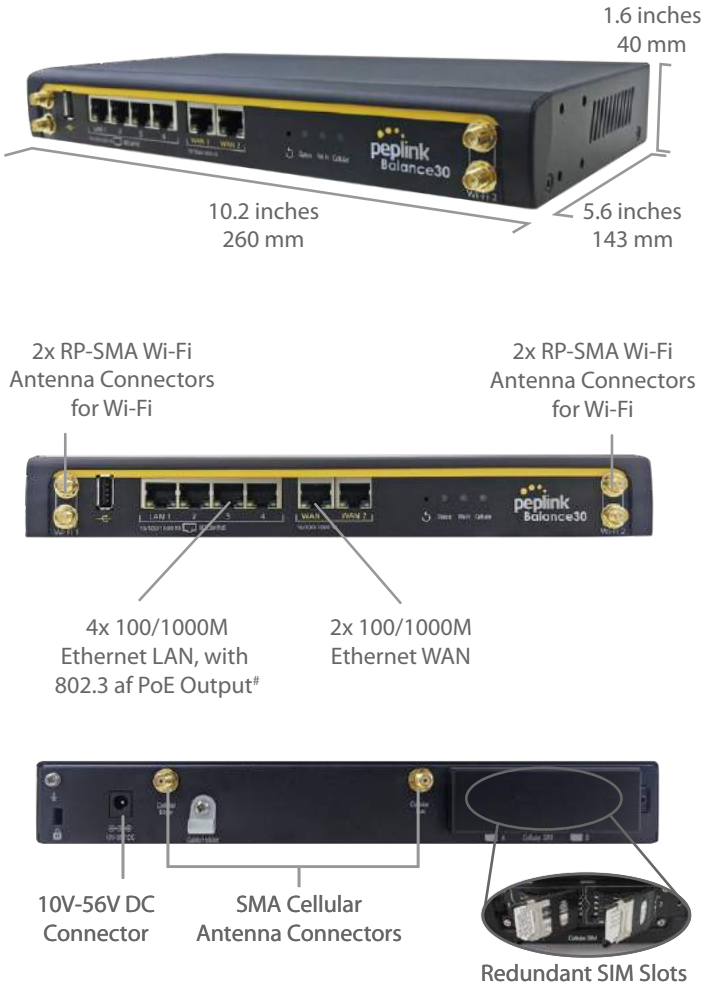
Product Ordering Information

	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

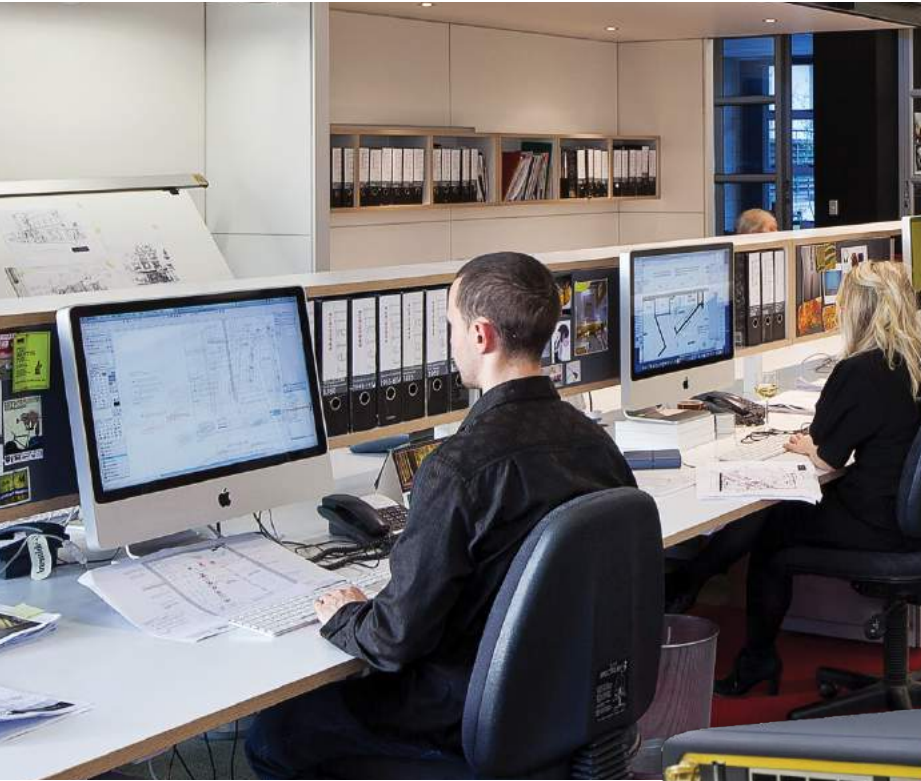
Ordering Information - PoE Activation Kit

Product Code	Description
ACW-609	1x 48V Power Supply and PoE License, enables 4x 802.3af PoE Output Ports

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	Stateful Firewall DoS Prevention AP Controller Auto AP Discovery Auto AP Firmware Management AP Profile Configuration Wi-Fi Usage Statistics	Load Balancing Intelligent Failover Per-Service Load Distribution Multiple Algorithms	Advanced QoS User Groups Bandwidth Reservation Individual Bandwidth Limit Application Prioritization By User Groups SIP, HTTPS, VPN QoS Custom Application QoS Web Blocking Blacklist	Time and Usage Quotas on Open Access Mode Built-in Customizable Splash Page
LAN DHCP Server for LAN Clients Extended DHCP Options DHCP Reservation DNS Proxy for LAN Clients VLAN on LAN Support	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)	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	Captive Portal Support Support for Wired and Wireless LAN Clients Support RADIUS Authentication Support LDAP Authentication	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
Security				Certification FCC, CE, RoHS

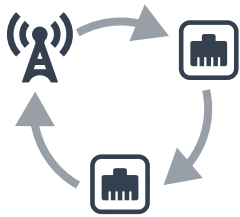


Peplink Balance 30 Pro
SD-WAN Branch Router with LTE Failover



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.



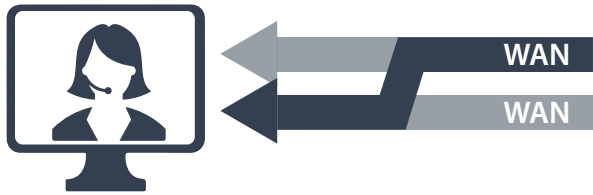
SD-WAN With Dual Wired Ports and LTE

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.



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.



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.



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.





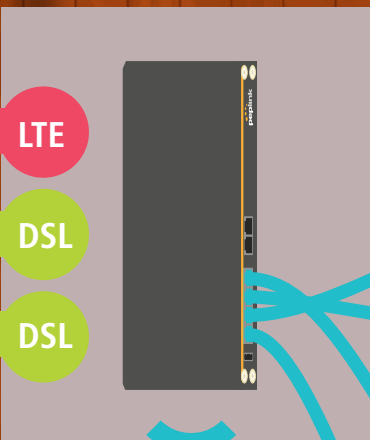
Internet

SpeedFusion WAN Smoothing

LTE

DSL

DSL



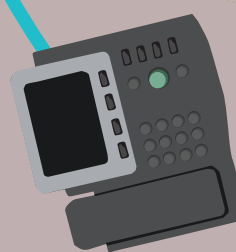
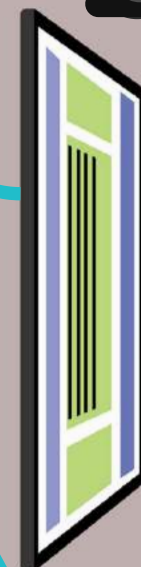
802.11
ac Wi-Fi

Connect Everything With 4x PoE Ports

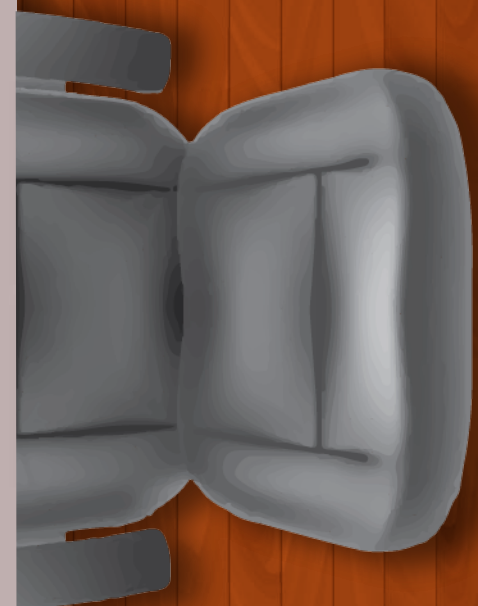


Access Point

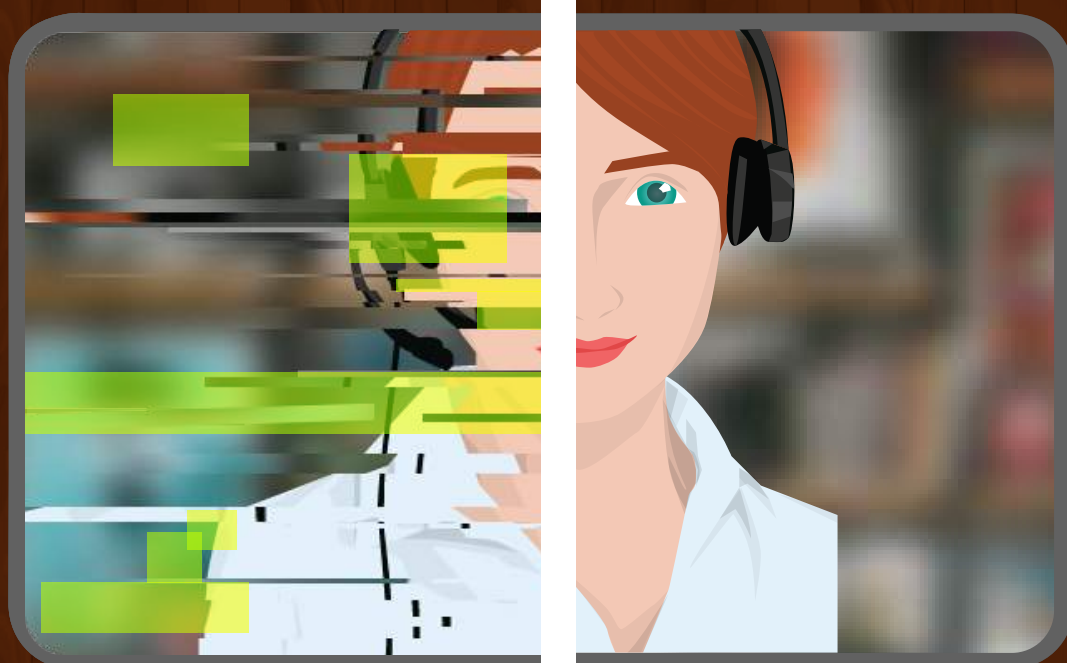
Webcam



VoIP Phone



WAN Smoothing For Unbreakable VoIP and Videoconferencing



Before

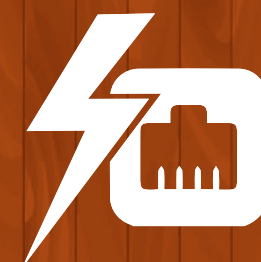
After

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



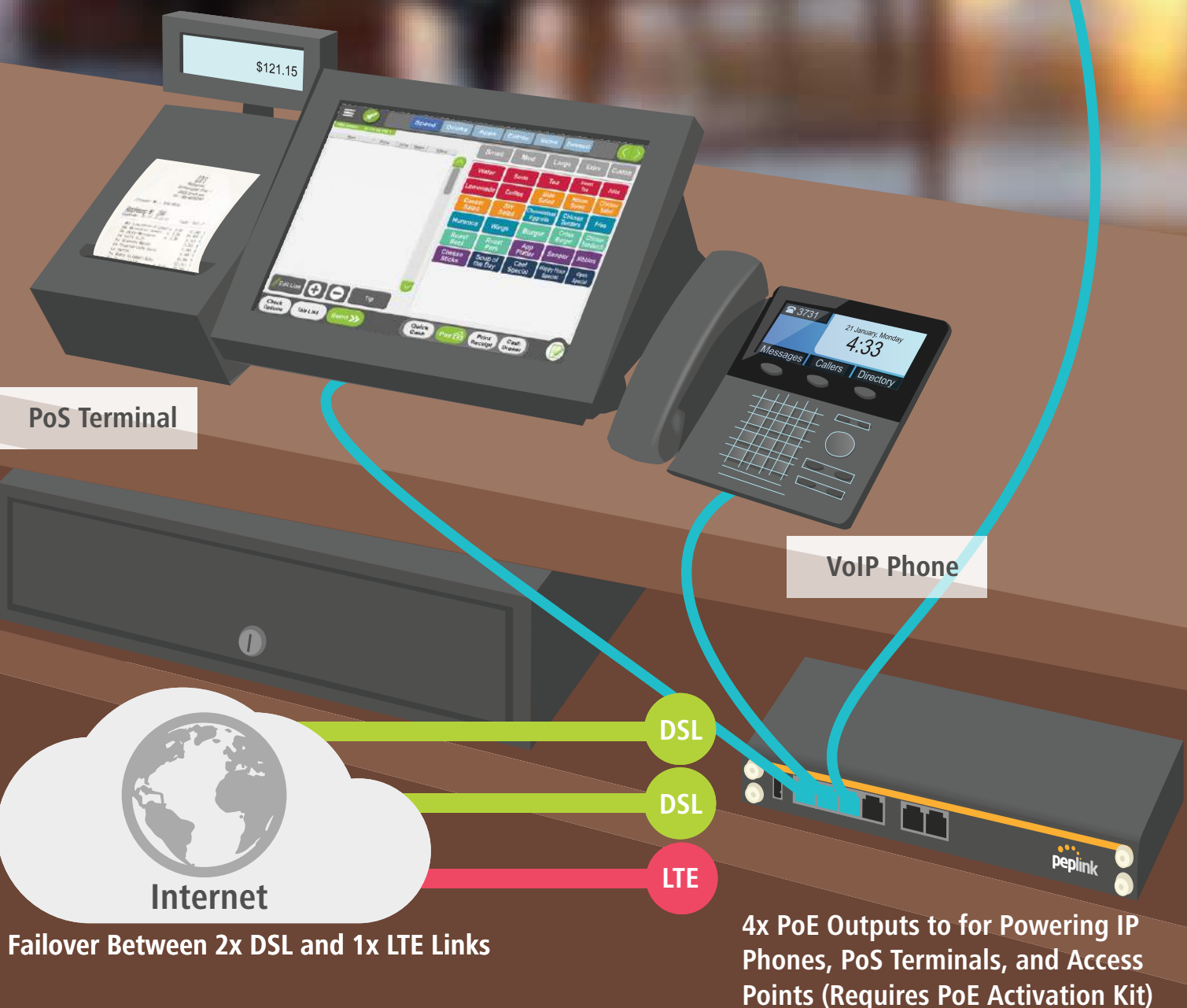
Traffic
Control

peplink | Balance 30 Pro

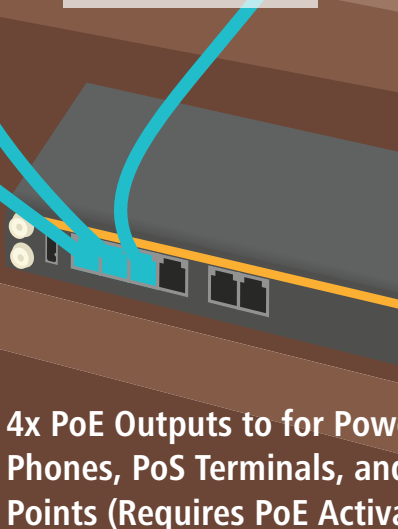
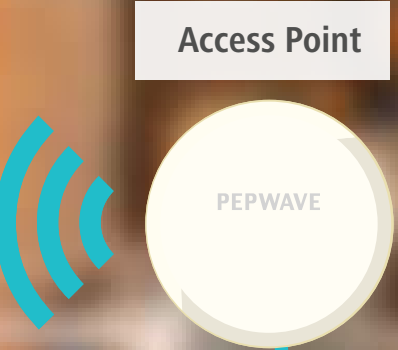
One-Device Retail Connectivity Solution

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



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



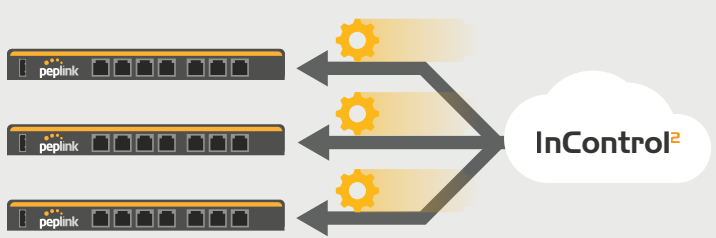
Apply Advertisements and Surveys



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



Configuration Scheduling

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

QoS: Determine Traffic Priority

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

