

▶ Polycom® Video Border Proxy 200 EW Network Appliance

Small Office / Home Office Firewall
Traversal and QoS Solution



Make video and voice business calls with confidence

The Polycom Video Border Proxy (VBP™) 200 EW network appliance allows you to conduct business-quality video calls from your small or home office by resolving the challenges caused by firewalls and bandwidth limitations. You and your users can feel confident participating in business meetings over existing Internet connections.

With advanced QoS (Quality of Service) and packet shaping technologies, Polycom's VBP 200 EW network appliance delivers your audio and video smoothly and seamlessly to the other participant. The VBP 200 EW model also includes 802.11 (b & g) wireless connectivity to other network devices such as PCs, media servers and others.

To ensure absolute network security, the VBP 200 EW appliance employs a packet inspection firewall, which determines when to open or close ports for video and voice endpoints. For maximum video and voice call quality, the VBP 200 EW appliance also forwards video traffic via the shortest possible path effectively minimising jitter, delay, and packet loss.

Unused video or voice bandwidth unused is made available to other devices on your network, enabling data traffic to burst to the full capacity of your Internet connectivity. Traffic management capabilities such as prioritisation, traffic shaping and call entry control further enhance video and voice quality.

Make Great Things Happen with the Polycom VBP 200 EW Series Network Appliance

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organisation's survival. As the market leader in voice, video and content collaboration and communications, our award-winning conference technology makes it easy for people to interact and maximise productivity over any network, in just about any environment, anywhere around the globe. That's why more organisations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you too, can achieve great things with the Polycom VBP 200 EW series network appliance.

- ▶ High quality video communication
 - Quality video communications even with multiple devices on your network
 - Call entry control to prevent congestion of prioritised traffic
 - Traffic management capabilities including priority queuing and traffic shaping
 - Support for up to 1 Mbps of voice, video, or data traffic in any combination
- ▶ Enhanced Network security
 - Seamless resolution to challenges of communicating through firewalls
 - Firewall protection built-in
 - Application layer gateway for H.323 video, SIP, and MGCP voice
 - Embedded LAN side gatekeeper supporting up to 3 registrants
- ▶ Simplified deployment and use
 - All-in-one network traversal solution for voice, video, and data traffic
 - Integrated four-port managed Ethernet switch and wireless (b & g) connectivity with VLAN support
 - Intuitive web interface makes setup quick and simple

Polycom VBP 200 EW Network Appliance Specifications

WAN Interfaces

Ethernet

- 10/100 Mbps
- Auto-sensing, full or half duplex

WAN Protocols

- PPPoE
- Static IP
- WAN DHCP

LAN Interfaces

- 4 x 10/100 Mbps Ethernet ports
- Auto-sensing, full or half duplex
- Managed switch supports VLAN 802.1Q tagging and forwarding for up to 16 unique VLAN Ids

Wireless

- 802.11 (b & g)

Hardware

Dimensions

- Height 1.7", Width 10", Depth 7"
- Weight: 2 lbs.

Power

- External power brick: 12V, 3.0A

Regulatory

- FCC Part 15 (Class B) and Part 68, UL, cUL, CE, Industry Canada ICES-003 and IC-CS03

Management

- HTTP, HTTPS, SSH, Telnet, SNMPv1/V3
- Syslog support

Software Features

Video and Voice

- SIP, MGCP and H.323 application layer gateway enables a single public IP address to be used for multiple endpoints
- Shortest path routing for media optimises video and voice quality
- Embedded LAN side gatekeeper supporting up to 3 registrants

QoS

- Class based queuing/prioritisation
- Diffserv marking and policing
- Traffic shaping
- Video and voice call admission control prevents oversubscription of priority queue

Security

- Stateful packet inspection firewall
- Application layer gateway dynamically provisions and closes UDP ports used for video and voice calls
- IPSec: 3DES, AES, SHA-1, MD-5
- NAT/PAT server hides enterprise LAN topology

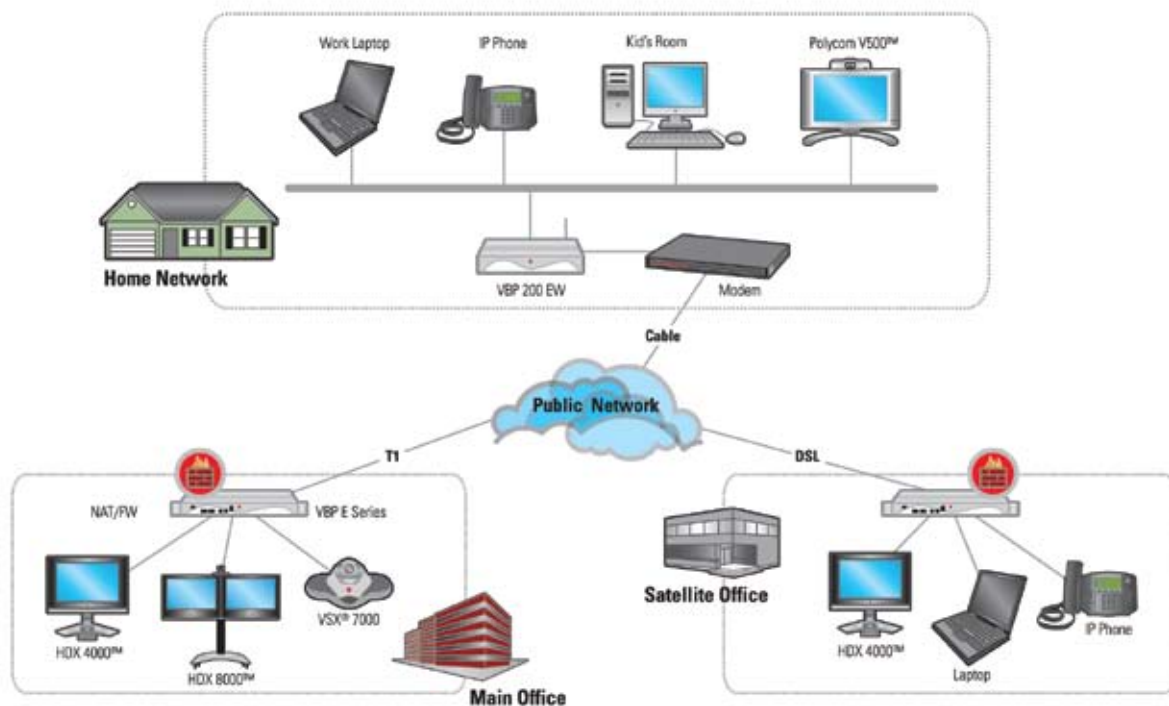
Passive Call Quality Monitoring (voice only)

- Per call statistics include mean opinion score (average and minimum), jitter, latency, packet loss and much more
- Alarms for poor MOS scores
- Active call count indicators

Description

VBP 200 EW NAT/ firewall traversal unit includes a four-port 10/100 Ethernet switch, integrated 802.11 (b & g), 1x 10/100 Ethernet WAN interface with capacity of 1 Mbps of traffic.

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