

Polycom® PVX™

Features and Benefits



High Quality Audio and Video

Premiere Video	<ul style="list-style-type: none">• Conforms to International Telecommunications Union (ITU) H.264 video coding standard• Strict adherence to ITU standard ensures industry-wide interoperability across Polycom and with other standard compliant manufacturers• Advanced, full-screen, full-motion video up to 30 fps• High resolution people video up to VGA (640x480)• Additional Annex support for better H.263+ video
Superior Audio Performance for Crisp, Natural Sounds and Voices	<ul style="list-style-type: none">• Supports Polycom Siren™ 14 kHz audio• Receives 14kHz audio from group systems• Codes and transmits 14kHz<ul style="list-style-type: none">- Requires 14kHz capable headset• G.722.1 – Wideband audio with low bandwidth consumption allows more bandwidth for higher video quality• Automatic Gain Control
Extensive IP Quality of Service Support	<ul style="list-style-type: none">• Supports IP calls up to 2Mbps• OS determined IP Precedence and DiffServ settings for optimal video quality through network edge equipment• Video Error Concealment delivers smooth, clear video over IP networks by concealing the deteriorating effects of packet loss
Integration with Microsoft® Live Communications Server (LCS) via SIP	<ul style="list-style-type: none">• Integrates directly with Microsoft® collaboration infrastructure• Registers and authenticates with Microsoft LCS 2005• PVX users can be added to Microsoft Messenger's buddy list• Presence information sent to LCS indicating video buddies' availability• Convenient dialing to email addresses
Flexible Viewing Modes	<ul style="list-style-type: none">• Full screen mode – sit back and enjoy the video conferencing• Individual windows for local video, remote video and content can be located and sized independently to fit unlimited user preferences• Video only mode optimizes desktop layout for other applications with thin toolbar for video control• Single window with PIP
Multiple Monitor Support	<ul style="list-style-type: none">• Great for 'drag and drop' PIP, allowing near and far end to be on separate monitors• Or, video on one screen, desktop applications on the

	<ul style="list-style-type: none"> other Full screen for each video windows
Leadership Content Sharing	
Supports Polycom People+Content™ and ITU-T.H.239	<ul style="list-style-type: none"> Show your desktop as high-resolution, XGA graphics to the far side while having high quality video simultaneously Capture your desktop at native resolution with any aspect ratio and automatically convert to appropriate resolution for the remote participants Receive high-resolution content from remote participants without losing their video Zoom in up to 300% Supports ITU coding standards including H.264
Fully Integrated T.120	<ul style="list-style-type: none"> Full collaboration with other T.120 endpoints Supports all Microsoft NetMeeting® functionalities – Chat, File Transfer, Whiteboard, and Application Sharing

Most Intuitive Interface for End Users

Intuitive, User-Friendly UI	<ul style="list-style-type: none"> Flat menu structure speeds navigation Detachable menus provide quick access to common screens without video interruption
Extended Language Support (13 in total)	<ul style="list-style-type: none"> Supports Chinese (Simplified and Traditional), English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian and Spanish Including user interface, on-screen help, error messaging and documentation
Context Sensitive Help	<ul style="list-style-type: none"> On screen user manual and guidance - available on demand in local language! Simplifies user experience, shortens learning curve and eases adoption
Local Alerts	<ul style="list-style-type: none"> Automatically detects if minimum platform requirements are met Notify user if speaker/camera not connected Continually monitors system and network for errors and alerts end user of status changes
Flexible Dialing	<ul style="list-style-type: none"> E.164 DNS names IP address ECS support Local address book Active directory supporting ILS and LDAP (via Global Address Book) SIP URI support
E.164 Alias Support	<ul style="list-style-type: none"> E.164 Alias recognition when dialing through

	<ul style="list-style-type: none"> gateways to ISDN sites Extends the flexibility of the existing network and speeds extension calling
Far End Camera Control of All Vendors PTZ Cameras	<ul style="list-style-type: none"> Allows remote site to 'stay in the action' by adjusting view of far end; H.323 Annex Q standard-based

Highly Secure Communications

Standards-based, integrated Advanced Encryption Standard (AES)	<ul style="list-style-type: none"> Conforms to ITU H.235 Version 3 standard for embedded encryption High-level 128-bit encryption with extended Diffie-Hellman key distribution Strict adherence to ITU standard H.235 Version 3 ensures industry-wide interoperability across Polycom and with other standard compliant manufacturers
Externally Validated	<ul style="list-style-type: none"> Validated by an accredited NIST (National Institute of Science and Technology) laboratory as compliant with FIPS 197 (Federal Information Processing Standard)
Powerful Security	<ul style="list-style-type: none"> Supports encrypted calls up to 2 Mbps, including audio, video and content
VPN Support	<ul style="list-style-type: none"> Allows secure operation using VPN clients

Maximum Support for End User Flexibility

USB Webcams	<ul style="list-style-type: none"> Highest quality with high resolution USB cameras including iRez K2 camera Works with most USB cameras Extremely portable – ideal for mobile applications
Portable	<ul style="list-style-type: none"> Application runs on your PC or laptop Utilizes processing capabilities of modern PCs and laptops Multiple location profiles allow end users to save network configurations for home, office and travel scenarios
View-only Mode	<ul style="list-style-type: none"> Ideal for mobile users Receives far side audio, video and content Sends audio and content via PC
Privacy	<ul style="list-style-type: none"> Supports headset for hands free operation and privacy of conversation

Most Robust Management Tools

Global Management System™ Support	<ul style="list-style-type: none">• Software update• Call detail records
Location Profiles	<ul style="list-style-type: none">• Individual profiles for the location you are at• Eliminate network reconfiguration confusion each time you plug into the network
Registration with Global Directory	<ul style="list-style-type: none">• ILS registration• Live, real-time updates and presence
Expanded Gatekeeper Support	<ul style="list-style-type: none">• Cisco canMapAlias support extends gatekeeper routing
Feature support allowed by processor	<ul style="list-style-type: none">• Easy to use application which allows administrators to determine the processor's ability to support PVX features

Unmatched Integration Capabilities

Conference on Demand	<ul style="list-style-type: none">• Initiate unscheduled bridge calls with Polycom PathNavigator™ and MGC™
Call Detail Records	<ul style="list-style-type: none">• Unified format for Polycom video products• Remote access; captures and records error messages

IP Conferencing in Many Different Network Environments

Local Area Network	<ul style="list-style-type: none">• Auto discovery of local address• Configurable local address
Remote Network	<ul style="list-style-type: none">• Auto discovery of NAT address• Dialing from behind a firewall with configurable fixed ports• Configurable uplink speed for asymmetric network (DSL, cable modem network)• Universal Plug & Play for firewall traversal calls



888.912.3151
601.399.5077 (fax)
www.Howard.com