



Polycom® ViaVideo® II

Personal video conferencing system



Benefits

Natural, High-Quality Video – Full-screen, full-motion video, Polycom Video Error Concealment, multiple monitor support, up to 512 kbps, 30 fps

Crystal Clear Audio – Full duplex audio lets you speak and listen at the same time; echo cancellation and noise suppression enhance audio clarity

Easy to use – New, Windows-based user interface is more intuitive, easier to navigate than ever before, and available in 11 languages. Context sensitive help screens and detailed error messaging shorten the learning curve and speed adoption

Extended Collaboration – Send and receive XGA content directly from your PC while simultaneously sharing video with People+Content™. Or, integrate with Polycom WebOffice™ to add real-time buddy list, presence detection and extended sharing of data, software and PC applications of your choice

Security you can trust – Embedded AES encryption provides standard-based encryption for audio, video and content

VideoMail – Say it with VideoMail! Record high quality video messages and simply email them from within the ViaVideo II user interface

The world's most advanced, fully integrated personal video conferencing system brings enhanced, business-quality voice, video and data to the desktop.

ViaVideo II delivers full-screen, full-motion video, crisp clear audio, and extensive data collaboration to your desktop or laptop PC.

Polycom's ViaVideo II combines the power of a high-quality camera, microphone and multimedia processor in a compact and portable system that easily connects to the USB port on your PC. With the integrated high-performance multimedia processor, ViaVideo II allows you to effectively conference and run your other PC applications at the same time. With its graphical user interface and dual monitor support for expanded desktop workspace, ViaVideo II offers elegantly simple navigation.

Integration with the Polycom WebOffice™ Conferencing Portal extends ease of calling with Click and Meet, real-time buddy list, presence detection and automatic call setup for point-to-point or multipoint calls. It also makes sharing software, data and PC applications a breeze.

Polycom iPriority™ features, including enhanced video error concealment and Diffserv QoS, enable ViaVideo II to deliver high-quality video conferencing over IP networks. And, as an integrated component of The Polycom Office™, ViaVideo II works well for one-to-one or one-to-many communications in offices, home offices or small businesses.

Bring geographically dispersed workgroups, telecommuters, and remote offices together like never before — easily and affordably with ViaVideo II.

Your all-in-one choice for personal conferencing to access the power of Polycom's unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, ensure that people and organizations maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

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Connect. Any Way You Want.

Polycom ViaVideo II Specifications

Specifications shown below with ViaVideo II running Polycom PVX™ software application

ITU-T H.323 standards compliant

Audio

- 7kHz with G.722, G.722.1
- 3.4kHz with G.711, G.723.1, G.728
- Full Duplex Audio
- Echo Cancellation
- Automatic Gain Control (AGC)
- Automatic Noise Suppression (ANS)

Voice over IP (VoIP)

- Supports voice-only calls to and from other VoIP endpoints

Video

- H.261, H.263, H.263+
- Multiple Monitor Support — must be supported by PC video card
- Picture-In-Picture (PIP)
- Brightness control — automatic or manual adjustment to near side video image

Data

- T.120, Integrated Microsoft® NetMeeting®
 - Application sharing
 - Whiteboard
 - File transfer
 - Chat
- H.323 Annex Q far-end camera control
- Polycom WebOffice™ Conferencing Portal Integration
 - Initiate point-to-point calls
 - Initiate multipoint calls
 - Presence detection
 - Click and Meet dialing

People Video Resolution

- CIF (352 x 288 pixels)
- SIF (352 x 240 pixels)
- QCIF (176 x 144 pixels)
- QVGA (160 x 120 pixels)
- 15 fps at 32 Kbps — 320 Kbps
- 30 fps at 320 Kbps — 512 Kbps

Content Video Resolution

- Show PC desktop as Content:
 - Capture — Native resolution of computer desktop
 - Transmit and Receive — XGA (1024 x 768)
- H.261 Annex D images
- 4CIF (704 x 576 pixels)
- CIF (352 x 288 pixels)

People+Content™ Features

- Dual Images (view people and high resolution content simultaneous)
- Dynamic bandwidth allocation
- Dynamic system resource allocation

Security

- H.235 v3 for AES secure calling
- Admin lock down of configuration pages

Polycom Cameras Supported by Polycom PVX Software Application

- ViaVideo
- ViaVideo II

Network Interface

- IP LAN
- Cable modem
- DSL

Directory Services

- Supports Polycom Global Address Book
- Support for Active Directory
 - Internet Locator Service (ILS)
 - LDAP through Polycom Global Address Book
- Supports Local Address Book
 - Speed Dial List
 - Most Recently Called List

Dialing Capabilities

- DNS alias
- E.164 extension
- IP address
- H.323 external gatekeeper, gateway and MCU support
- Cisco CanMapAlias

Call Transfer

- Transfer to another H.323 endpoint
- Transfer to another voice/video endpoint using Empty Capability Set

Call Forwarding*

- Forward on busy
- Forward on no answer
- Unconditional Forward

Conference-on-Demand**

- Create unscheduled multipoint calls with Polycom PathNavigator™ and MGC™ bridge

Quality of Service (QoS) and experience - iPriority

- IP Precedence (ToS)
- Differentiate Services (DiffServ) (CoS)
- Network Address Translation (NAT) support
- Automatic NAT IP address discovery
- Dynamic bandwidth allocation
- Automatic gatekeeper discovery
- Configurable fixed port ranges
- Lip synchronization
- Packet reordering and dejittering
- Asymmetric speed control
- Video error concealment for smooth video in high packet loss networks

System Management

- Support for Polycom Global Management System™
- Integrated Web server for remote management, dialing, diagnostics and passwords
- Remote software update with user-definable URL
- Call detail records through Global Management System

Language Support

- Chinese (Simplified and Traditional), English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Spanish

Minimum System (PC) Requirements

- Windows® XP with SP1, Windows 2000 with SP4
- Intel® Pentium® III 800MHz processor or equivalent processor
- 256 MB RAM (512 MB recommended)
- 100 MB available hard disk space
- SVGA display (800 x 600 pixels)
- 16-bit color or higher
- IP network access (64 Kbps and above): cable, DSL, or LAN
- Microsoft Internet Explorer Version 6.0 or later
- Windows Media® Player Version 9.0 or later
- Microsoft DirectX® Software Version 9.0b or later

Warranty

- One year parts and labor
- * Certain restrictions and exclusions apply

* Call forwarding requires PathNavigator 5.0

** Conference-on-Demand requires PathNavigator5.0 and Polycom MGC MCU



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