

# Polycom® ViaVideo™

*Business-quality voice, video, and data from your desktop*



## 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 with echo cancellation

**Easy to use** – Intuitive Windows-like user interface, Polycom Conference on-Demand supports on-demand multipoint conferencing

**Easy to dial** – Polycom OneDial™ makes dialing a video call as simple as a telephone, and integration with Polycom Global Address Book supports easy dialing

**Anytime, anywhere across the globe** – Sleek, compact, portable, and affordable; supports 11 languages for global use

**Easily installed, centrally manageable** – Integrated with the Polycom PathNavigator™ and Global Management System™, ViaVideo can be managed remotely and as part of the complete video network

**The world's most advanced, fully integrated personal video conferencing system.** ViaVideo delivers full-screen, full-motion video, crystal clear audio, and extensive data collaboration to your desktop or laptop PC.

The Polycom ViaVideo combines the power of a high-quality camera and multimedia processor in a compact system that easily connects to the USB port on your PC. With the integrated high-performance multimedia processor, ViaVideo allows you to effectively run your other PC applications – at the same time.

ViaVideo offers elegant navigation with its Windows-like graphical user interface and supports dual monitors for expanded desktop workspace. With integrated collaboration capabilities or Polycom WebOffice™ software, data and application sharing is easy.

Polycom iPriority™ features, including Polycom Video Error Concealment, DiffServ QoS, IP Precedence, enable ViaVideo to deliver high-quality video conferencing over IP networks. And, as an integrated component of The Polycom Office, ViaVideo works well for one-to-one or one-to-many communications in offices, home offices, or small businesses.

Polycom video conferencing and collaboration systems provide advanced technology, including superior audio pickup with 360° microphone so

participants can be heard from anywhere in the room. Polycom's user interface is easy to use, with on-screen graphics and easy to control with color-coded remote controls. Going beyond face-to-face meetings, laptops can be quickly connected to Polycom video systems with dedicated devices that make sharing content easy. These high-quality Polycom systems are all part of The Polycom Office.

## The all-in-one choice for The Polycom Office™

With integrated video, voice, data, and Web capabilities, The Polycom Office™ is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with Polycom ViaVideo and The Polycom Office.



Video

*Connect. Any Way You Want.*

# Polycom ViaVideo™ Specifications

## ViaVideo™ Video communications appliance technical specifications

### Internal processor

- Philips TriMedia 1300

### Standards compliant

- ITU H.323 (IP communications)
- Video: H.261, H.263
- Audio: G.711, G.722, G.728, G.723.1, and G.722.1

### Data rates/frame rates

- 32 Kbps-512 Kbps (512 Kbps send/512 Kbps receive)
- Up to 15 fps at 320 Kbps
- Up to 30 fps at 512 Kbps

### Video

- Up to 30 fps CIF (352 x 288 pixels), QCIF (176 x 144)
- Picture-In-Picture (PIP) – movable and sizable
- Auto or manual brightness control
- Multiple monitor support
  - PC video card must support multiple VGA outputs

### Audio

#### Integrated microphone

- Hyper-cardioid microphone
- Acoustic Clarity Technology by Polycom with full duplex audio, echo cancellation, noise suppression, and automatic gain control

#### Integrated audio via USB

- Audio cable is not required when running Windows 2000 and XP

#### Voice only

- Voice only to and from Voice over IP endpoints

#### Input/output

- USB connector
- Power
- Audio In/Out
  - 3.5mm stereo phone jack supports connection of optional external headset, headset/microphone, or powered speakers

#### Camera

- Manual tilt and swivel
- Manual focus
- Optional laptop/flat-screen mounting clip

#### Quality of Service (QoS) support

- IP Precedence
- DiffServ
- Polycom Video Error Concealment (PVEC)

#### Centralized management (optional)

#### Global Management System

- Real-time ViaVideo monitoring and management
- Common global dialing with ViewStation® systems
- Call detail recording
- Quickly link to ViaVideo Web interface
- Alias recognition for E.164 dialing

#### Enhanced Web user interface

- Password
- Call Detail records up to last 20 calls
- Dialing
- Diagnostics
- Management

#### NEW user interface

- Windows-like, easy-to-use graphical user interface
- Context sensitive help
- Snapshot
- Manual or auto answer
- Data collaboration
- Incoming caller ID

- Polycom VideoMail™
- Privacy shutter
- Video mute
- Far-end camera control of room system cameras
  - Annex Q
- Movable/sizable Picture-in-Picture
- Detachable User Interface windows
  - Address Book
  - Set-up Screens

#### Dialing capabilities

##### Directory service

- Direct registration with Global Address Book
- Internet Locator Service (ILS) support
- H.323 external gatekeeper, gateway, and MCU support
- Cisco CanMapAlias support

#### Calling capabilities

##### Call forwarding

- Busy
- No answer

##### Call transfer

- To another H.323 endpoint

##### Conference on-Demand

- Using PathNavigator and an MGC bridge, create a multipoint from ViaVideo UI\*

##### Remote software update

- Software update with user-definable URL

## ViaVideo video communication appliance – the power of personal video communications at your desktop

- Extensive Windows platform compatibility supporting Windows 98, ME, 2000, XP
- Business-quality video communications from the convenience of your desktop – up to 512 Kbps, 30 fps, CIF supporting H.261 and H.263
- Clarity by Polycom™ audio technology supporting G.711, G.722, G.728, G.723.1, and G.722.1
- Audio integrated through the USB cable
- Windows-like, easy-to-use graphical user interface
- Direct registration with the Polycom Global Address Book
- Support of 11 different languages
- Multiple monitors expand the desktop space for improved video and data collaboration
- Intuitive on-screen messaging

#### Data collaboration (T.120)

- Application sharing
- Whiteboard
- File transfer
- Chat integration with Polycom WebOffice™ Web collaboration software

#### PC system requirements (minimum)

- USB port
- 400 MHz processor, Pentium II compatible with MMX
- 128 MB RAM
- 16 MB video memory
- 250 MB available hard disk space (might be considerably less if the required software is already installed)
- SVGA monitor (800 x 600)
- 16-bit color or higher

- Desktop PC with headphones, headset, or external speakers required. Laptop PC with headphones, headset, or internal speakers required
- Broadband IP network access (64 KB and above): cable, DSL, LAN
- Headset with microphone must have a single audio connection like those used with cellular phones.

#### Network requirements

- Any IP-based network including Ethernet, Token Ring, Cable, DSL, Frame, FDDI, T-1, and ATM

#### LAN

- Microsoft Windows 98, ME, 2000, NT, XP, or TCP/IP support
- Network interface card

#### Cable or DSL

- Network modem

#### Warranty

- One year parts and labor

#### Physical

- ViaVideo camera/codec: 1.6" (40mm) height x 5" (127mm) depth x 3.37" (86mm) width
- Mounting base:
  - 1.7" (43mm) height x 3.45" (88mm) depth x 3.23" (82mm) width

## System includes

### ViaVideo system

- Integrated camera/codec and mounting base; support for external tripod mount
- USB cable
- Power adapter and cable
- Application software
- Electronic application help
- Electronic quick start
- Read Me First

### O/S compatibility

- Windows 98
- Windows 98 SE
- Windows 98 ME
- Windows 2000 Professional
- Windows XP Home and Professional
- IP-based, H.323 communications, support broadband communications – LAN/WAN

### Additional high-end features

- Data collaboration using NetMeeting embedded within the ViaVideo user interface
- Management of large ViaVideo deployment made simple with Global Management System, the Web-based management application for your video communication network
- Conference on-Demand allows creation of multipoint calls with ISDN, IP, and VoIP endpoints without having to make advance reservations on a bridge
- Telephony capabilities now provide for additional, seamless ease-of-use

- Weight: 9 oz. (.252kg)

#### Electrical

- Domestic power supply: Auto-switching 9 watt; 7.5 V output
- International power supply: Auto-switching 15 watt; 12 V output

#### Approvals

- FCC Class B
  - \*Conference-on-demand requires PathNavigator 5.0 and Polycom MGC MCU and PathNavigator call forwarding requires 5.0

Polycom video conferencing and collaboration systems support Polycom network infrastructure and management systems. With the Polycom MGC, Polycom video systems can participate in large multipoint conferences. Polycom PathNavigator, among many other features, enables easy dialing from Polycom video systems with OneDial. And video systems can be centrally managed and controlled with Polycom Global Management System, and access the Global Address Book for easy access to directory services. Polycom video conferencing and collaboration deliver high quality video conferencing and integrated solutions for The Polycom Office.



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