Polycom® ViewStation® EX

Performance video conferencing for demanding applications

ViewStation EX sets a new standard in price and performance for the mid-range. ViewStation EX delivers quality video and audio for conference rooms.

Polycom video conferencing and collaboration systems provide advanced technology specifically designed for video conferencing, including superior audio pickup with 360-degree microphone that enables meeting participants to be heard from anywhere in the room. Polycom's interface is easy to use with on-screen graphics, and easy to navigate 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 as easy as pushing a button. These high-quality Polycom systems are all part of The Polycom Office.

Highlights

The industry leader - The most popular and widely deployed group video conferencing platform in the world

Superior video quality - Polycom Video Error Concealment (PVEC) counters real-world network packet loss

Clear 360-degree, full duplex digital audio - With noise suppression, echo cancellation, and automatic gain control

Maximum call flexibility - Support multipoint conferences with up to 14 video and audio sites through the embedded MCUs when cascading (10 sites on any mix of IP or ISDN, plus four regular telephone connections)

See presenter and live, high-resolution multimedia presentation - People+Content™ displays video of the presenter along with live, high-resolution XGA PC graphics and sound between ViewStation EX, ViewStation FX, ViewStation 4000, iPower™, and MGC bridges

Built-in automatic MPPlus presentation modes - Display modes automatically switch between ViewStation EX presenter and continuous presence - like a live TV news show

Security you can trust - Independently verified and tested for secure use in corporate and classified environments

High-quality video communications 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. It's our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with the ViewStation EX and The Polycom Office.
Polycom View Station EX Specifications

Polycom video conferencing and collaboration systems support Polycom network infrastructure and management systems. With the Polycom M Series, Polycom's sales systems can participate in multiple large multipoint conferences. Polycom PathNavigator™, among many other features, enables easy access to directory services. Polycom video conferencing and collaboration support high-quality video and integrated solutions for The Polycom Office.

Technical specifications

- ITU H.323 and H.320 compliant
- Cisco AVVID certified
- PeopleContent allows dual display of video and PC graphics
- Conference on Demand initiates unauthenticated NC GC calls from the endpoint
- Call Detail Records enables billing of calls and tracking with Global Management System
- Polycom Video Error Concealment (PEC) for improved video quality on networks with packet loss
- Global Management System for centralized management
- Global Directory Server for local global address book
- PathNavigator for easier call placement and network management
- Internet Protocol for internet, internet, internet
- SNMP for high-resolution graphics capture of PC content

Audio standards

- 7 KHz G.722, 2 KHz
- 3.4 KHz with G.722, G.728

Audio features

- Instant adaptation echo cancellation
- Automatic Gain Control (AGC) – voice activated
- Automatic Noise Suppression (ANS)
- Built-in equalizer for voice switched
- Audio servo
- Telephone POTS support
- Ability to talk on over VCR audio

Digital baffle-type microphone

- 360° voice pick-up, unidirectional performance
- Automatic room noise reductions
- Gated mixer built into microphone
- 3 hyper-cardiod microphones in each microphone pod
- Button on each microphone
- Can be mounted on ceiling or walls

Audio inputs (4 inputs)

- RJ-45 microphone/speakers pair
- RJ-45 stereo microphone/audio

Audio outputs (4 outputs)

- RJ-45 audio line level
- RJ-45 phone line level (mixer/auxiliary)

Video inputs (2 inputs plus inputs)

- Integrated main camera
- VCR or Video_input_cameramodule

Video outputs (5 outputs)

- 1 x RCA/Phono composite (VCR)
- 1 x RCA/Phono composite (monitor)
- 1 x XGA/projector

Video formats

- NTSC, PAL, HXGA, VGA, XGA

Integrated main camera

- Operates in combination with Tabletop device (for audio and video input from PC or Macintosh)

Audio outputs (4 outputs)

- 2 x RCA / phono line level (VCR)
- 2 x RCA / phono line level (VCR)

Quality of service and experience - i-Priority

- Polycom Video Error Concealment (PEC) for concealing packet loss
- IP Precedence (ToS)
- Polycom Global Management System
- Built-in extensive Call Detail Records that do not require separate external management system
- Automatic ISDN localization of calls
- Polycom Global Address Book integrates with Polycom Global Management System for billing purposes
- Operator configurable dialing specifications
- Operator configurable dialing specifications

iPower, iPriority, Polycom PathNavigator, People+Content, Polycom WebSite, Polycom Video Error Concealment (PEC). Published by Polycom, Inc. 2001. All rights reserved.