A sleek rack mount design, professional grade connectivity and versatile interoperability make this product the perfect choice for integrated and custom environments.

If you are looking for a video conferencing system that combines ease of installation with the highest quality audio and video, the Polycom VSX 8000 offers the perfect marriage of form and function.

The VSX 8000 is specially designed with professional integrators in mind. Starting with the slim, highly integrated, 1U design including: professional grade connectivity, direct VGA input supporting People+Content™ collaboration and versatile slide-in trays to support circuit switched connectivity options (QBRI, PRI, Serial (V.35/RS449/RS530).

Audio integration flexibility is unparalleled with Phoenix-style connectors, true balanced signals along with the ability to support mixers, direct microphone inputs with phantom power as well the Polycom Digital Tabletop VSX Microphones. Polycom’s patent pending Siren™ 14 Stereo Audio is an integral part of every system and is easily configured for any room. Video participants can hear far-end participant’s voices project in stereo through left and right speakers for a truly life-like meeting experience.

The Polycom VSX 8000 delivers video performance that will impress even the most demanding customers using the industry’s most advanced video technologies, H.264 and Pro-Motion™. Standards based H.264 video offers outstanding video quality at call speeds up to 512 kbps, providing superior video without weighing down the network. For higher bandwidth calls, Pro-Motion, high-resolution, television-like video is an excellent choice for the absolute highest quality picture.

The Polycom VSX 8000 offers a rich feature set including an easy to use, customizable user interface, AES encryption software, built-in quality of service and quality of experience with Polycom’s implementation of audio and video error concealment, SNMP support and Gatekeeper and Firewall utilities. Control of the VSX 8000 is accomplished over multiple serial ports for complete API control by external control systems, a full range of IR options as well as control passing with the popular Polycom Vortex Installed Voice Products. All in all, a complete package for integrators to design into a wide range of video conferencing applications.

The ultimate choice for professional integrators. The power of Polycom conferencing and collaboration solutions. With integrated video, voice, data, and Web capabilities, only Polycom solutions let your customers connect, conference, and collaborate anytime, anywhere and any way they want. It's our commitment to making distance communications as natural and interactive as being there. Install systems faster, smarter, and more efficiently with Polycom VSX 8000 and other Polycom conferencing and collaboration solutions.
Polycom VSX 8000 Specifications

- iTU H.232 and H.320 compliant
- Bandwidth
  - Maximum Data Rate IP and Serial/V.35: Up to 2 Mbps
  - Maximum Data Rate ISDN: Up to 2 Mbps
- Video Standards & Protocols
  - H.261, Annex Q
  - H.263+ Annexes: F, J, L, N, T
  - H.263+, Annexes: W
  - H.264
  - ITU 60 fps full screen – Pro-Motion™
- Frame Rate Provisions (From To Point)
  - Intellectually selects frame rate for best performance video
  - 30 fps at 56 kbps up to 2 Mbps
  - 60 fps per second up to 2 Mbps
- Video Inputs: 4 Connectors
  - 1 x Video: Professional 1/CYC BNCs (main video camera)
  - 1 x Video: 4-pin mini DIN (second camera with PTZ control)
  - 1 x Video: 4-pin mini DIN (VOIR or VOI Phi)
  - 1 x VGA (Contact display)
- Serial Data Port: 2 Connectors
  - 2 x DB9 Control port for custom integration with remote devices such as Crestron and AMX control systems
  - Integration with Polycom Versity® Selected Voice Products
- Communication port for transmission of serial data, medical devices over ISDN calls
- Auxiliary camera control
- Video Output: 4 Connectors
  - 1 x Video: Professional 1/CYC BNCs (main display)
  - 1 x Video: 4-pin mini DIN (second display)
  - 1 x Video: 4-pin mini DIN (VOIR or VOI Phi)
  - 1 x VGA (Contact display)
- Video Formats
  - NTSC/PAL
  - Graphics: XGA, SXGA, VESA
  - Avio Video Resolution
  - Pro Motion interlaced video (60/50 fields full screen video for NTSC/PAL)
  - 480i (704 x 576)
  - 480p (704 x 480)
  - 576i (720 x 576)
  - 576p (720 x 480)
- Choice of 4:3 or 16:9 display aspect ratios
  - Display People on VGA Second Monitor
- Camera Video Resolution
  - XGA (1024 x 768), SXGA (800 x 600), VESA (640 x 480) for Content on VGA displays
  - People video support for 480i and 576i on VGA display
  - Up to 480P for Content on NTSC/PAL displays
  - Audio Standards & Protocols
  - Polycom Siren 14 Stereo ready
  - 14 kHz bandwidth with Steady™ 14 or IP, ISDN, and VOIP speech coded calls
  - 7 kHz bandwidth with G.722, G.722.1
  - 3.4 kHz bandwidth with G.711, G.728, G.729A
  - Seamless integration with Polycom Vortex Installed Voice Products
  - Audio add-in over UDT/ITU-T
  - Audio add-in over PSTN
  - Full-duplex digital audio
  - Instant Adaptation Echo Cancellation
  - Automatic Gain Control (AGC) – Voice activated
  - Automatic Noise Suppression (ANS)
  - Ability to turn off Echo Cancellation when external audio equipment is used

VSX 8000 shown with optional GBR network module installed

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Part No. 3728-17107-001 Rev. E/04

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