

Polycom® VSX™ 5000

Technical Specifications



Video Standards & Protocols

- H.261
- H.263++
- H.264
- People+Content / H.239
- H.263 and H.264 Video Error Concealment

People Video Resolution

- NTSC 30fps at 56Kbps-768Kbps
- PAL 24fps at 56Kbps-768Kbps
- Receives Polycom Pro-Motion™ 60/50 fields per second (full screen video for NTSC/PAL applications)
- 4SIF (704 x 480), 4CIF (704 x 576) *2nd video only
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)
- Choice of 4:3 or 16:9 display aspect ratios

Content Video Resolution

- XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480) for single monitor VGA or when using VGA as 2nd monitor

Audio Standards & Protocols

- Polycom StereoSurround™
- 14kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A
- Automatic Gain Control
- Automatic Noise Suppression
- Instant Adaptation Echo Cancellation
- Audio Error Concealment

Other ITU-Supported Standards

- H.221 communications
- H.224/H.281 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241, H.331
- H.231 in multipoint calls
- H.243 chair control
- H.460.18/19 NAT/firewall traversal
- BONDING, Mode 1

Network

- H.320 - ISDN Quad BRI up to 512Kbps
- H.323 up to 768Kbps
- SIP up to 768Kbps
- SCCP up to 768Kbps
- iPriority for QoS

User Interface

- COD (PathNavigator Conference on Demand)
- Embedded AES FIPS 197, H.235V3 and H.233/234
- Directory Services
- System Management
 - Web based
 - SNMP
 - GMS
- CDR
- API support
- Auto SPID detection and line number configuration
- International languages (15)

Security

- FIPS 140-2 (Pre-validation List)
 - Secure web [HTTPS]
 - Secure TLS in Web, Telnet, FTP
 - Security mode
- Secure password authentication
- Embedded AES FIPS 197, H.235V3 and H.233/234

Electrical

- Auto sensing power supply
- Operating voltage/power 90-260 VAC, 47-63 Hz/80 Watts
- Max 75 VA @ 115v60Hz, 85 VA @ 220v50Hz
- Max Heat Dissipation; 273 BTU/hour

Environmental Specification

- Operating Temperature: 0-40°C
- Operating Humidity: 15-80%
- Non-Operating Temperature: -40-70° C
- Non-Operating Humidity (Non-condensing): 10-90%
- Maximum altitude is 10,000 feet

Physical Characteristics

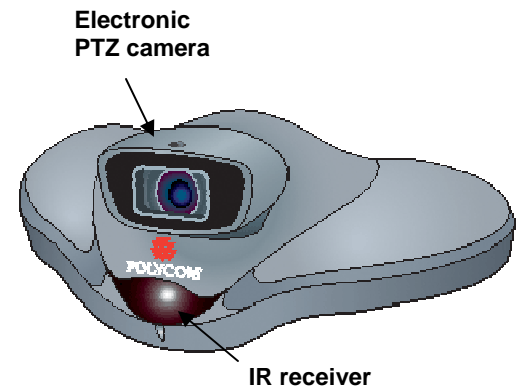
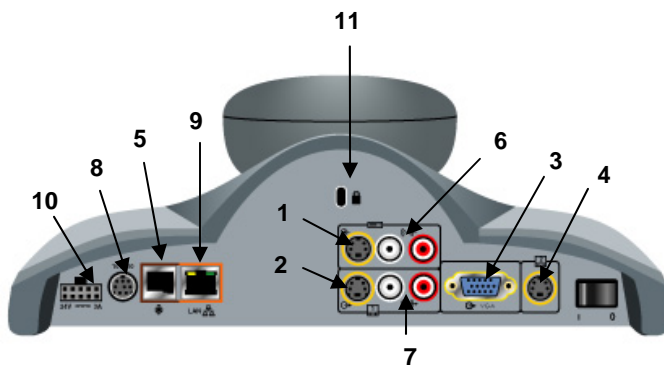
- Video Base Unit (W/H/D): 11.83" / 5.25" / 10.02"; 300.3 mm / 133.26 mm / 254.5 mm
- Video Base Unit Weight: 4.4 lbs; 1.94 kg

Warranty

- One-year return to factory parts and labor
- 90-day software warranty

Options

- Visual Concert VSX, PC/MAC compatible
 - Video input to codec, HD-15 connector
 - Audio input to codec, 3.5mm connector
 - Video output from codec, conference or local content, HD-15 connector
 - LAN hub, 1 input from LAN, 3 PC connections
- Cable-free content sharing with People+Content IP
- SoundStation VTX 1000



1. Video input 1 for VCR/DVD
2. Video output 1 for main monitor
3. Video output 2 for VGA/XGA main monitor, optional VGA/XGA 2nd monitor
4. Video output 3 for optional 2nd monitor

5. Audio input 1 (main): support one device for stereo audio – see admin manual for device options and correct ordering of devices.
6. Audio input 2 for stereo (VCR/DVD)
7. Audio output for stereo (line level)

8. RS-232 for control, pass thru, vertical solutions
9. LAN NIC, 10/100 auto sensing
10. Power and H.320 Quad ISDN BRI S/T-interface connection
11. Kensington™ lock connection