

Polycom® VSX™ 7000s

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-2Mbps
- PAL 25fps at 56Kbps-2Mbps
- ITU based full screen Pro-Motion™ H.263 interlaced video (60/50 fields full-screen video for NTSC/PAL)
- 4SIF (704 x 480), 4CIF (704 x 576)
- 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 ratio

Content Video Resolution

- XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)

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.231 in multipoint calls
- H.243 chair control
- H.460.18/19 NAT/firewall traversal
- BONDNG, Mode 1

Network

- H.320
 - o ISDN Quad BRI up to 2Mbps
 - o ISDN PRI T1 or E1
 - o Serial (RS449, V.35, RS 530) up to 2Mbps
- H.323 up to 2Mbps
- SIP up to 2Mbps
- SCCP up to 2Mbps
- iPriority for QoS

User Interface

- COD (PathNavigator Conference on Demand)
- Directory Services
- System Management
 - o Web based
 - o SNMP
 - o ReadManager SE200
- CDR
- API support
- Auto SPID detection and line number configuration
- International languages (16)

Security

- COMSEC tested and validated
- KG-194/KIV-7 encryptor support
- FIPS 140-2 Certified
- Secure web [HTTPS]
- Secure TLS in Web, Telnet, FTP
- Security mode
- Secure password authentication
- Embedded AES FIPS 197, H.235V3 and H.233/234
- Video Overlay

Electrical

- Auto sensing power supply
- Operating voltage/power 90-260 VAC, 47-63 Hz/80 Watts
- Max 74 VA@115v60Hz, 87 VA@220v50Hz

Environmental Specification

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

Physical Characteristics

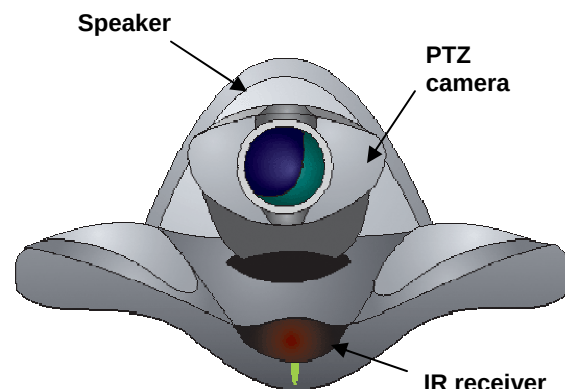
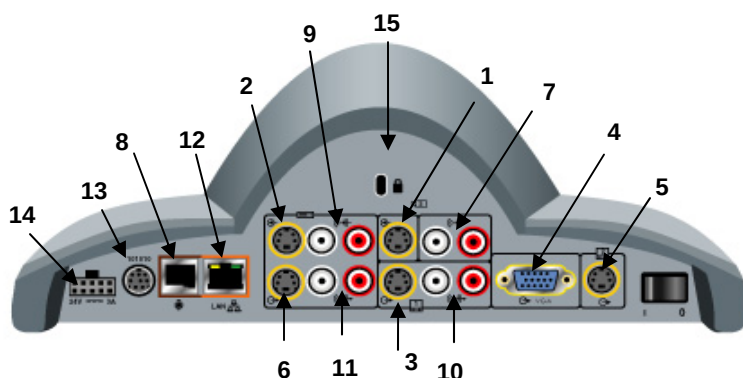
- Video Base Unit (W/H/D): 11.82" / 5.83" / 9.63"; 300.3 mm / 148 mm / 244.5 mm
- Video Base Unit Weight: 6.0 lbs; 2.8 kg
- Subwoofer (W/H/D): 6.9" / 10.72" / 8.67" / 175.2 mm / 272.4 mm / 220 mm
- Subwoofer weight: 9.0 lbs / 4.08 kg

Warranty

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

Options

- QBRI, PRI or Serial modules
- Visual Concert VSX, PC/MAC compatible
 - o Video input to codec, HD-15 connector
 - o Audio input to codec, 3.5mm connector
 - o Video output from codec, conference or local content, HD-15 connector
 - o LAN hub, 1 input from LAN, 3 PC connections
- Cable-free content sharing with People+Content IP
- MPPlus software for up to 4 sites
 - o ISDN, IP transcoding
 - o StereoSurround and Siren 14 audio
 - o Dual monitor emulation
 - o People+Content supported
 - o Voice activated switching
 - o Continuous presence
- SoundStation VTX 1000



1. Video input 1 for 2nd video source (people or content)
2. Video input 2 for VCR/DVD or 3rd video source (people or content)
3. Video output 1 for main monitor
4. Video output 2 for VGA/XGA main or 2nd monitor
5. Video output 3 for 2nd monitor
6. Video output 4 for VCR/DVD

7. Audio input 1 (main): support one device for stereo audio – see admin manual for device options and correct ordering of devices.
8. Audio input 2 for stereo line level input
9. Audio input 3 for stereo VCR/DVD
10. Audio output 1 for stereo line level
11. Audio output 2 for stereo VCR/DVD
12. LAN NIC, 10/100 auto sensing

13. RS-232 for 2nd PTZ camera, control or pass thru
14. Power interface to subwoofer (H.320 module fits in subwoofer)
15. Kensington™ lock connection

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