

Polycom® VSX™ 3000

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 24fps 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)

Content Video Resolution

- Send SIF, CIF, 4CIF, 4SIF, VGA, SVGA, XGA resolutions with People+Content IP

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 2Mbps
- SIP up to 2Mbps
- SCCP up to 2Mbps
- iPriority for QoS

User Interface

- COD (PathNavigator Conference on Demand)
- Directory Services
- System Management
 - Web based
 - SNMP
 - GMS
- CDR
- API support
- Auto SPID detection and line number configuration
- International languages (15)

Security

- COMSEC tested and validated
- 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
- Max 118 VA@115v60Hz, 132 VA@220v50Hz

- Max Heat Dissipation; 444 BTU/hour
- Main, codec, monitor power switches

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

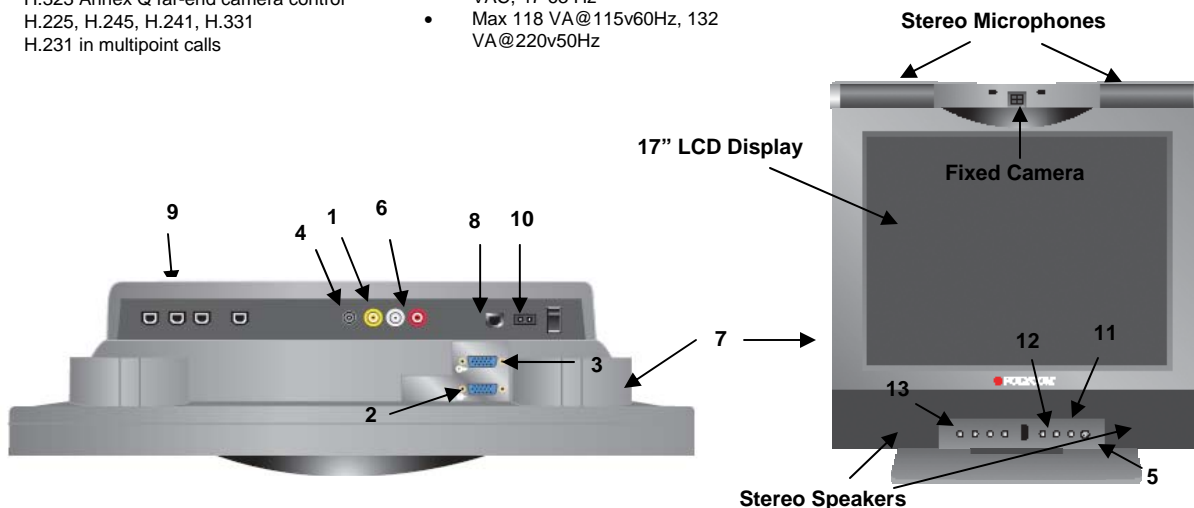
- Video Base Unit (W/H/D): 17.0" / 18.75" / 7.00"
- Video Base Unit Weight: 20.0 lbs; 9.1 kg

Warranty

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

Options

- Cable-free content sharing with People+Content IP
- MPPlus software for up to 4 sites
 - ISDN, IP transcoding
 - StereoSurround and Siren 14 audio
 - Dual monitor emulation
 - People+Content supported
 - Voice activated switching
 - Continuous presence



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|---|--|--|
| 1. Video input 1 for VCR/DVD other video source (people or content) | 5. Audio output 2, headphone jack on front panel, for mixed audio, disables #4, 3.5 mm | 10. Power transformer input |
| 2. Computer input for computer display, VGA-SXGA | 6. Audio input 1 for stereo VCR/DVD | 11. Power (for LCD display) |
| 3. Computer pass through to external display | 7. Audio input 2 for PC audio, 3.5 mm | 12. Volume adjustment |
| 4. Audio output 1 for stereo line level | 8. LAN NIC, 10/100 auto sensing | 13. Toggle between VC and PC monitor functions |
| | 9. ISDN Q-BRI S/T-interface (optional) | |