Polycom® VSX™ 7000e
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 interfaced video (60/50 fields full-screen video for NTSC/PAL)
- 4SIF (704 x 480), 4CIF (704 x 576)
- SIF (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)

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
- BONDING, Mode 1

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

User Interface
- COD (PathNavigator Conference on Demand)
- Directory Services
- System Management
  - Web based
  - SNMP
  - ReadManager SE 200
- 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 Certification
- 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 85-264 VAC, 47-63 Hz/72 Watts
- Max 85 VA@115v/60Hz, 95 VA@220v/50Hz
- Max Heat Dissipation; 246 BTU/hour

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): 17.25" / 1.73" / 9.68"; 438.15 mm / 43.83 mm / 245.85 mm
- Video Base Unit Weight: 8.4 lbs; 3.8 kg

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

Options
- QBRI, PRI or Serial modules
- VGA encoder key (for direct VGA)
- ImageShare II: connects the codec to a PC for content sharing
- Cable-free content sharing with People+Content IP
- MPPPlus 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
- SoundStation VTX 1000

1. Video input 1 for VCR/DVD or 3rd video source (people or content)
2. Video input 2 for main camera (people)
3. Video input 3 for 2nd video source (people or content)
4. Video input 4 for VGA-SXGA (content sharing) - optional
5. Video output 1 for VCR/DVD record
6. Video output 2 for main monitor
7. Video output 3 for 2nd monitor
8. Video output 4 for VGA/XGA main or 2nd monitor
9. Audio input 1 for stereo line level
10. Audio input 2 for stereo VCR/DVD
11. Audio input 3 for C-Link, support up to 3 devices for stereo audio
12. Audio input 4 for POTS
13. Audio output 1 for stereo VCR/DVD
14. Audio output 2 for stereo line level
15. H.320 network interface bay
16. IR Control, power for main camera
17. RS-232 #1
18. RS-232 #2
19. LAN NIC, 10/100 auto sensing
20. EIA electrical input

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