Polycom® VSX™ 8000
Technical Specifications

Video Standards & Protocols
- H.261
- H.263+
- H.264
- People+Content / H.239
- H.263 video & 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.264 interlaced video (60/50 fields full-screen video for NTSC/PAL)
- Receive 30fps 4SIF (704 x 480), 4CIF (704 x 576) at 512kbps data rate when in a call with HD system
- 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)

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.243 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 (RS344, V.35, RS 530) up to 2M
- H.323 up to 2Mbps
- SIP up to 2Mbps
- SCCP up to 2Mbps
- IP Priority for QoS

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

Security
- COMSEC tested and validated
- KG-194/KIV-7 Certified
- Secure web (HTTPS)
- Secure TLS in Web, Telnet, FTP
- Security mode
- Secure password authentication
- Embedded AES FIPS 197, H.235V3 and H.235/234
- Video Overlay

Electrical
- Auto sensing power supply
- Operating voltage/power 85-264 VAC, 47-63 Hz/72 Watts
- Max 52 VA@115v60Hz, 69 VA@220v50Hz
- 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
- 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 module
- ImageShare II: connects the codec to a PC for content sharing
- Polycom PowerCam
- Polycom PowerCam Plus
- MPPlus software for up to 6 sites
- ISDN, IP transcoding
- StereoSurround and Siren 14 audio
- Dual monitor emulation
- People+Content supported
- Voice activated switching
- Continuous presence
- SoundStation VTX 1000

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