

▶ Polycom® VVX™ 1500

Unified Communications Phone

HDvoice



Desktop UC phone combining advanced telephony, one-touch video, and business applications into a seamless, life-like experience

The Polycom® VVX 1500 is designed to integrate and unify key communication capabilities into one simple-to-use SIP phone. The Polycom VVX 1500, with its unique touch interface makes phone calls and video conference calls as simple as touching the screen. Its small form factor, large display and ease of use make it an ideal all-in-one productivity tool for today's busy professionals. It is also suited for companies looking to add value and better utilize human resources in mission-specific applications, such as healthcare, retail, and professional services.

Feature-Rich Phone with Polycom HD Voice™

The Polycom VVX 1500 is equipped with all of the capabilities of a full featured, Polycom VoIP phone including: six lines, Polycom HD Voice, a Gigabit Ethernet switch that supports PoE, and a host of rich telephony functions. It comes bundled with the Polycom Productivity Suite that provides advanced voice features such as local call recording, corporate directory integration and visual conference call management. All of these features can be accessed by the buttons on the front of the phone or by simply touching the large color LCD display. The Polycom VVX 1500 also has the ability to display contact status information or "presence", enabling smarter calling decisions to minimize voicemail and phone tag.

One-Touch Personal Video System

The Polycom VVX 1500 includes an integrated camera and delivers business-grade video calling with a simple touch of the screen. The video image can be easily adjusted to full screen if desired. The phone has multiple adjustable elements including camera tilt, base height and screen angle to suit the environment and a user's preferences for personalized life-like visual communications.

Open Application Platform

With a built-in microbrowser, the Polycom VVX 1500 can display Web-based information from the Internet such as stock quotes, local weather, and other personalized information. The phone supports the Polycom XML API which can be used by application developers to create solutions where the Polycom VVX 1500 is integrated with key business processes. These capabilities enable fully customizable media-rich and touch-based applications for horizontal and vertical markets. This same XML API development platform applies to Polycom's market leading SoundPoint® IP and SoundStation® IP product lines.

Benefits

- ▶ **Simplified Communication**
Unify voice, video, presence, applications and Web 2.0 into a single touch-based UC phone
- ▶ **Increased Collaboration**
Build relationships and view body language
- ▶ **Quick ROI/Payback**
Rapidly lower travel expenses. Simply eliminating one coast-to-coast trip pays for a Polycom VVX 1500
- ▶ **Enhanced Productivity**
Integrate communications into business processes delivering faster decision making
- ▶ **Reduced Carbon Footprint**
High-quality face-to-face communications and collaboration that don't require travel
- ▶ **Highly Customizable**
Polycom's XML API enables customizable media-rich, touch-based applications for horizontal and vertical markets

Polycom® VVX™ 1500 Features and Specifications

User Interface Features

- Resistive touch screen interface works with both finger and stylus (not provided)
- 7in TFT LCD display with adjustable screen angle
- 16:9 wide screen aspect ratio
- Screen saver and digital picture frame mode
- Voicemail and videomail support²
- USB port for applications
- XML Microbrowser
- Adjustable base height
- Unicode UTF-8 character support. Multilingual user interface including Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Swedish

Audio Features

- Polycom HD Voice technology delivers life-like voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset¹
- Polycom Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response – 100 Hz – 14 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722, G.722.1, G.722.1C
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC 2833 and in-band)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Headset and Handset Compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY adapter equipment

Call Handling Features²

- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way audio conferencing
- One-touch speed dial, redial
- Remote missed call notification
- Do not disturb function
- Electronic hook switch capable

Video Standards and Protocols

- H.263, H.263+ (1998), and H.264
- CIF/SIF resolution transmit and receive video up to 30 fps

Camera

- 1600 x 1200 and 800 x 600 at 30 fps capture resolution
- 30 cm to infinity fixed focus
- Privacy Shutter
- Picture in Picture for far end camera
- Full Screen or window for near end camera

Open Application Platform

- Supports Polycom XML API for third-party applications
- Bundled with Polycom Productivity Suite:
 - Corporate Directory Access using LDAP
 - Local Call Recording on USB drive
 - Visual Conference Management
 - Voice Quality Monitoring

Network and Provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
 - 10/100/1000Base-TX across LAN and PC ports
 - Conforms to IEEE802.3-2005 (Clause 40) for Physical Media Attachment
 - Conforms to IEEE802.3-2002 (Clause 28) for Link Partner Auto-Negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported²
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- Network Address Translation (NAT) – support for static configuration and “Keep-Alive” SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Local configurable digit map/dial plan
- Hardware diagnostics
- Status and statistics reporting
- IPV4
- TCP
- VDP
- DNS-SRV

Bandwidth

- SIP Video up to 768 kbps
- Recommended minimum: 500 kbps bidirectional (384 kbps video and 64 kbps voice, plus overhead)

Security

- Media encryption via SRTP
- Transport Layer Security (TLS)
- Encrypted configuration files
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address
- HTTPS secure provisioning
- Support for signed software executables

Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 0)
- Power efficient; consumes less than 11W when fully active
- External Universal AC Adaptor (optional, 48V 380mA DC)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KCC
- China CCC
- ROHS compliant

Safety

- UL 60950-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1-03
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1

Operating Conditions

- Temperature: +10 to 40°C (+50 to 104°F)
- Relative Humidity: 20% to 85%, noncondensing

Storage Temperature

- -40 to +70°C (-40 to +160°F)

Polycom VVX 1500 Comes With:

- VVX 1500 console
- Handset with handset cord
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size

- 9.95 in x 15 in x 8.25 in (25.2 x 38 x 21cm) (W x H x D)

Part Numbers

- 2200-18061-025 – WW PoE

Weight

- Unit weight: 5.42 lbs (2.46 kg)

Unit Box Dimensions / Weight

- 14 in x 16 in x 6 in
- 8.06 lbs (3.66 kg)

Master Carton Quantity

- Two

Country of Origin

- Thailand

Warranty

- 1 year

1. To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.
2. Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/Softswitch vendor or service provider for a list of supported features.
3. Requires SIP version 3.1.2 or higher.
4. Requires BootROM version 4.2 or higher.

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