



## DATA SHEET

# Polycom® VVX® 1500 Business media phone

The first business media phone combining advanced IP telephony, one-touch video, and business applications into a seamless, life-like experience

The Polycom® VVX® 1500 unifies voice, video and applications capabilities into a simple-to-use business media phone. With its unique touch screen interface, the VVX 1500 makes video calls as simple as using a phone. Its large display and ease of use make the VVX 1500 an ideal all-in-one productivity tool for today's busy executives and professionals, whether they are in office, retail, professional services, or healthcare environments.

### Feature-rich phone with Polycom® HD Voice™

The Polycom VVX 1500 is equipped with all of the capabilities of a full featured Polycom® SoundPoint® IP phone including: 24 lines, Polycom HD Voice, a Gigabit Ethernet switch that supports PoE, and a host of rich telephony functions. These features can be accessed via the buttons on the front of the phone or by simply touching the large color display.

### One-touch personal video device

The Polycom VVX 1500 includes an integrated camera and delivers business-grade video calling with a simple touch of the screen. 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 eye-to-eye visual communications.

### Business information at-a-glance

The Polycom VVX 1500 features an open API and WebKit-based browser that enable third-party applications developers to integrate the VVX 1500 with business applications such as unified communications, customer relationship management (CRM), and appointment management systems. The touch-screen user interface of the VVX 1500 includes a menu screen on which developers can place icons for users to touch and launch their applications.

The VVX 1500 comes bundled with several applications including the Polycom Productivity Suite, which enables users to initiate and control audio conference calls right from the touch screen of the VVX 1500 as well as record audio calls locally using a flash drive in the phone's USB port. The VVX 1500 also features a Web service called Polycom My Info Portal, through which customers can select to receive content such as local weather reports and other personalized information on the screen when the phone is not in a voice or video call.



### Benefits

- **Simple and fast one-touch calls**—Access voice, video, applications and Web content with a single touch
- **Quick payback**—Lower travel expenses. Empower each employee for the cost of one business trip
- **Highly customizable**—Polycom's API enables third-party applications for horizontal and vertical markets
- **Enhanced productivity**—Integrate communications into business processes delivering faster decision making
- **Reduced carbon footprint**—Require less than half the power of similar products. Designed for lower power consumption using energy-saving PoE and smart motion detection technology

## Product Specifications

### User interface features

- Resistive touch screen interface works with both finger or stylus (not provided)
- 7 in TFT LCD display with adjustable screen angle
- 16:9 wide screen aspect ratio
- Screen saver and digital picture frame mode
- On-screen virtual keyboard
- Voicemail and videomail support<sup>2</sup>
- USB port for applications
- WebKit-based Browser
- 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, and Swedish

### Audio features

- Polycom HD Voice technology delivers life-like voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset<sup>1</sup>
- 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 – 20 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and  $\mu$ -law), G.719, 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 features<sup>2</sup>

- 24 lines (registrations)
- 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.261, H.263, H.263+ (1998), and H.264
- CIF(352x288) or SIF(352x240) resolution transmit and receive video up to 30 fps

### Camera

- 2 mega pixel camera
- 30 cm to infinity fixed focus
- Privacy Shutter
- Picture in Picture for near end camera
- Full screen or window for far end camera

### Open application platform

- WebKit enabled full browser that supports HTML, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for third-party business and personal applications
- Bundled with Polycom Productivity Suite:
  - Corporate Directory Access using LDAP
  - Local Voice Call Recording on USB flash drive
  - Visual Conference Management

### Network and provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- ITU H.323 support can be enabled via an H.323 Permanent Individual Phone License for the VVX 1500 (P/N 5150-16826-001)
- 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<sup>4</sup> server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported<sup>2</sup>
- 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
- UDP
- DNS-SRV

### Bandwidth

- CIF video up to 768 kbps plus network overhead
- Customizable video call bit rates

### Security

- Media encryption via SRTP
- Transport Layer Security (TLS)<sup>3</sup>
- Encrypted configuration files<sup>3</sup>
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address<sup>3</sup>
- HTTPS secure provisioning<sup>3</sup>
- Support for signed software executables<sup>3</sup>

### Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 0)
- Energy-saving smart motion detector enables the screen to go into power-save mode when no one is in the office.
- Power efficient; consumes less than 11W when fully active, 8W average, and 6W when in power save mode with the LCD off
- 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: 0 to 40°C (+32 to 104°F)
- Relative Humidity: 5% to 95%, 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**

10 x 15 x 8.3 in (25 x 38 x 21 cm) (W x H x D)

**Part numbers**

2200-18061-025 – WW PoE

**Weight**

Unit weight: 5.4 lbs (2.5 kg)

**Unit box dimensions / weight**

- 14 x 16 x 6 in
- 8.0 lbs (3.7 kg)

**Master carton quantity**

Two

**Country of origin**

Thailand

**Warranty**

1 year

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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 3.2.2 or higher.

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**About Polycom**

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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