Polycom VVX 1500 D Dual Stack Business Media Phones

ONE-TOUCH PERSONAL VIDEO DEVICE

The Polycom VVX 1500 D includes an integrated camera and delivers easy and instant business-grade video calling with a simple touch of the screen. With native H.323 support, it connects easily with all standards-based H.323 video conferencing and telepresence systems, enabling mass adoption of business-grade video in the enterprise. The VVX 1500 D has multiple adjustable elements including camera tilt, base height and screen angle.

BUSINESS INFORMATION AT-A-GLANCE

The Polycom VVX 1500 D business media phone features an open API and WebKit-based full browser that enable third-party developers to create applications that integrate the VVX 1500 D with business systems such as UC, customer relationship management (CRM), and other vertical business applications. The VVX 1500 D comes with a Web service called Polycom My Info Portal, through which customers can select to receive personalized Web content.

FEATURE-RICH PHONE* WITH POLYCOM HD VOICE™

The Polycom VVX 1500 D is equipped with all of the capabilities of a full-featured SIP IP phone including: 24 lines, Polycom HD Voice technology, a Gigabit Ethernet switch that supports PoE, and a host of voice telephony functions. These features can be accessed via the buttons on the front of the phone or by simply touching the large color display. Use of the voice telephony functionality requires integration with a Polycom certified SIP call control platform.

FLEXIBLE, FUTURE-PROOF UC SOLUTION

With H.323 and SIP dual stack support, the VVX 1500 D integrates voice, video and applications into an overall UC solution. Enterprises can implement the VVX 1500 D with existing and new H.323-based video networks.

*The activation of voice telephony functionality requires a Polycom certified SIP-based call control platform.

The business media phone for H.323 and SIP environments combining one-touch video calling, integrated business applications, and advanced IP telephony.

The Polycom® VVX® 1500 D dual stack business media phone unifies video, voice and applications capabilities in a simple-to-use personal communication solution. With its unique touch screen interface, the VVX 1500 D makes video calls as simple as using a desktop phone. Its large display and ease of use make the VVX 1500 D an ideal productivity tool for today's busy executives and professionals.

Polycom VVX 1500 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
- Configurable auto-answer
- WebKit- based browser
- USB port for applications
- 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

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

BANDWIDTH

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

NETWORK AND PROVISIONING

- ITU H.323
- IETF SIP (RFC 3261 and companion RFCs)
- Dual stack H.323 and SIP simultaneously running
- SDP
- 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
- Provisioning and call server redundancy supported[1]
- FTP/TFTP/HTTP/HTTPS server-based central provisioning[3]
- 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

Benefits

- **Simple and fast one-touch calls —** Access video, voice, applications and Web content with a single touch
- **Flexible and future-proof—**Dual stack support ensures easy connectivity to both H.323 video and SIP telephony simultaneously
- **Quick payback —** Lower travel expenses. Equip each employee for the cost of one business trip
- **Highly customizable —** Polycom's open API and WebKit-based full browser enable third-party applications for horizontal and vertical markets
- **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

SECURITY

- AES encryption standard 128 bit for multimedia streams, H. 235v3
- Media encryption via SRTP
- Transport Layer Security (TLS)[3]
- Encrypted configuration files[3]
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address[3]
- HTTPS secure provisioning[3]
- Support for signed software executables[3]

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 Audio Call Recording on USB flash drive
    › Visual Conference Management

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)

VOICE TELEPHONY[3]

- 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
- Voicemail support

AUDIO FEATURES

- Polycom HD Voice technology delivers life-like voice quality for each audio path- handset, the hands-free speakerphone, and the optional headset[4]
- 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, G.719
- 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
- Electronic Hook Switch (EHS) support

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
- 2200-18064-025 – 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

- One year

[1]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.
[2]Requires Polycom SIP software version 3.2 or higher.
[3]Voice telephony functionality requires integration with a Polycom-certified
SIP-based call control platform.
[4]To enjoy the benefits of Polycom HD Voice when using the phone in the
headset mode, you must use a wideband headset.

Visit DOTVOX.com for more information.