

# ▶ Polycom® VVX™ 1500 C

## Business Media Phone for Cisco® Unified Communications Manager (SIP)

HDvoice



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

The Polycom VVX 1500 C unifies voice, video and applications capabilities into a simple-to-use business media phone. With its unique touch screen interface, the VVX 1500 C makes video calls as simple as using a phone. Its large display and ease of use make the VVX 1500 C 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.

### **Cisco Unified Communications Manager Support**

The Polycom VVX 1500 C registers directly to Cisco Unified Communications Manager as a SIP device and works just like a standard IP phone when making calls. To place a call to another phone or video device, just dial the number or extension. If another video device is detected the call is automatically escalated to video and the participants will be able to see as well as hear one another. The VVX 1500 C can communicate with most video devices including Cisco UC video clients and standards based H.323 video endpoints when connected via a gatekeeper. Multipoint calls between two or more video clients are supported via the Cisco Unified Videoconferencing solution.

### **Feature-Rich Phone with Polycom HD Voice™**

The Polycom VVX 1500 C is equipped with all of the capabilities you expect in an industry leading IP phone including: six 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 System**

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

### **Benefits**

- ▶ **Simple and Fast One-Touch Calls**  
Access voice, video, applications and Web content with a single touch
- ▶ **Plug and Play**  
Easy to install, configure, use and support
- ▶ **Quick Payback**  
Lower travel expenses.  
Empower each employee for the cost of one business trip
- ▶ **Highly Customizable**  
Polycom's XML 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.

# Polycom® VVX™ 1500 C Features and Specifications

## Cisco Platform Support

- Cisco Unified Communications Manager 6.1 (and higher)
- Cisco Unified Communications Manager 7.0 (and higher)
- Cisco Unified MeetingPlace 6.1
- Cisco Unified MeetingPlace Express 2.x
- Cisco Unified Video Conferencing (MCU) version 5.5 (and higher)
- tekVizion™ SIP Verified

## User Interface Features

- Resistive touch screen interface
- 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 support
- 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, 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 – 14 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and  $\mu$ -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 Features

- 6 lines (registrations)
- Shared call/bridged line appearance
- 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

- Supports Polycom XML API for third-party applications
- Bundled with Polycom Productivity Suite:
  - Corporate Directory Access using LDAP
  - Local Voice Call Recording on USB flash 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 supported
- 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

## Security

- 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)
- 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 C Comes With:

- VVX 1500 C 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

- 2200-18062-025 – 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

1. To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.

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