

## Polycom VVX 500 Gigabit Business Media Phone (VVX500)



Product Name: Polycom VVX 500 Gigabit Business Media Phone (VVX500)

Manufacturer: -

Model Number: 2200-44500-025

Please Note: This product has been discontinued. Please see the Polycom VVX 501 Gigabit Business Media Phone (VVX501).

Please Note: Polycom VVX IP Phones are PoE (Powered-Over-Ethernet) and do not include a mains Power Supply. If mains power is required, this can be added via the drop down menu above.

Polycom VVX 500 Gigabit Business Media Phone

The Polycom VVX 500 is a performance business media VoIP phone with the world's best high definition audio and video playback. The VVX 500 delivers best-in-class desktop productivity and unified communications (UC) with business application integration for the knowledge worker and busy professional. Polycom VVX 500 Key Features

- Up to 12 SIP accounts, 24 simultaneous calls

- 3.5" TFT touchscreen

- 2 Ethernet Gigabit Ports

- Headset compatible - various types RJ-9 port

- Video conferencing accessories compatible power over Ethernet with optional external PSU

- Polycom HD sound

Polycom VVX 500 Technical Specifications

User Interface Features

- Gesture-based, multitouch-capable, capacitive touchscreen

- 3.5-in TFT LCD display at QVGA (320x240 pixel) resolution, 4:3 aspect ratio

- Screensaver and digital picture frame mode

- On-screen virtual keyboard

- Voicemail and videomail support<sup>1</sup>

- Dual USB ports (2.0 compliant) for media and storage applications

- WebKit-based /iowser

- 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

- Polycom Acoustic Clarity<sup>®</sup> technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression -- Type 1 compliant (IEEE 1329 full duplex)

- Frequency response &ndash; 100 Hz &ndash; 20 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

## Polycom VVX 500 Gigabit Business Media Phone (VVX500)

- 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 ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY Adapter equipment
- Support USB Headsets (see TB37477 for list of compatible headsets)

### Call Handling Features

- 12 lines (registrations)
- Shared call/lidged line appearance
- 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
- Local configurable digit map/dial plan

### Open Application Platform

- WebKit enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for thirdparty 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)
- 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/HTTPS4 server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported1
- QoS Support &ndash; IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DSCP
- VLAN - CDP, DHCP VLAN discovery, LLDPMED for VLAN discovery
- Network Address Translation (NAT) &ndash; support for static configuration and "Keep-Alive" SIP signaling

## Polycom VVX 500 Gigabit Business Media Phone (VVX500)

- RTCP and RTP support
- Event logging
- Syslog
- Local configurable digit map/dial plan
- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

### Security

- 802.1X Authentication and EAPOL
- 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 802.3 at Power over Ethernet (Class 4)
- Energy-saving smart motion detector enables the screen to go into power-save mode when no one is in the office.
- 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
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC
- China CCC
- ROHS compliant
- UAE TRA
- Russia GOST-R
- Brazil ANATEL
- Australia A & C Tick

**Please Enquire**

## Polycom VVX 500 Gigabit Business Media Phone (VVX500)

Options available for Polycom VVX 500 Gigabit Business Media Phone (VVX500) :

### **Require Power Supply**

Not Required, [Universal 48V, 0.4A Power supply \(+£17.50\)](#).