

DATA SHEET

# Polycom® VVX® 150 Business IP Phone— OBi Edition

## Two-line, entry-level IP desk phone

The Polycom® VVX® 150 OBi edition business IP desk phone is a high-quality, two-line IP phone that delivers reliable performance and an enterprise-grade sound quality. It's ideal for home offices or shared/common areas, such as lobbies, hallways and break rooms or for any location that needs simple and reliable voice connectivity.

### Industry's best audio

The Polycom VVX 150 OBi edition offers both Polycom® HD Voice™ and Polycom® Acoustic Fence™ technologies. Together, they dramatically improve the most important component of the VVX experience—voice clarity.

Polycom HD Voice delivers superior, high-definition sound quality through industry-leading, advanced voice processing capabilities. Polycom Acoustic Fence keeps business conversations free from extraneous noises, echoes and distractions.

### Unparalleled flexibility

Polycom VVX 150 OBi edition is flexible, so every pixel can be customized, from labeling to key/button functionality. End users can change the look and feel of the phone interface to meet customer specifications and personalization. Custom skins can be built to incorporate product branding and colors or to reflect a corporate brand or image via Main Menu, Call Screen and Screen Saver.

### Easy-to-use, simple voice communications experience

The Polycom VVX 150 OBi edition is a dependable business IP phone that's intuitive for end users. The Polycom VVX 150 has a simple, practical design and its modern, intuitive navigation makes it easy to use and requires minimal training—resulting in rapid adoption.

### Easy deployment and administration

Packaged with the OBi software, Polycom offers a device customization service known as OBi Zero-Touch, a proprietary cloud-based “late-customization” solution for service provider customers. This allows service providers to personalize their default-running configuration parameters, allowing service providers to ship devices to end users without the need to touch or pre-configure and re-package. OBi Zero-Touch is fully integrated with PDMS-SP, so deployed devices running OBi software can always be bootstrapped to the service provider's management domain.



### Benefits

- Crystal-clear HD audio performance lets you hear every conversation detail
- Unparalleled flexibility provides built-in customization, so every pixel can be personalized
- 2.5” graphical, backlit monochrome LCD display delivers visual information at a glance
- Two 10/100 Ethernet ports offer cost savings
- The web-based configuration tool makes the Polycom VVX 150 phones easy to administer, upgrade and maintain throughout the entire lifecycle

## Product specifications

### User interface features

- 2.5" graphical backlit monochrome LCD (132x64 pixel resolution)
- Voicemail support
- Reversible desk stand/wall mount
- 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

### Feature keys

- 4 context-sensitive "soft" keys
- 2 line keys with bi-color (red/green) LED "Home" feature key
- 4-way navigation key cluster with center "Select" key
- 2 volume control keys
- Dedicated keys:
  - Back and Home
  - Hold and Transfer
  - Headset
  - Hands-free speakerphone
  - Microphone mute

### Audio features

- Polycom Acoustic Clarity provides full-duplex conversations, acoustic echo cancellation and background noise suppression.
- TIA-920 wideband audio
- Type 1 compliant (IEEE 1329 full duplex)
- Frequency response—150 Hz—7 kHz for hands-free speakerphone, handset and optional headset mode
- Codecs: G.711 (A-law and  $\mu$ -law), G.729AB, G.722 (HD Voice), iLBC
- 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 to ITU-T P.370 and TIA 504A standards
- 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 SIP identity (registration)/2 programmable line keys
- Shared call/bridged line appearance
- Flexible line appearance (one or two line keys can be assigned for each registration)
- 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

- Supports Polycom OBi edition XML API for third-party business and personal applications
- Corporate directory access using LDAP

### Network and provisioning

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Ethernet switch 10/100 Base-TX across LAN and PC ports
- Static or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Call server redundancy supported
- QoS support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- DHCP VLAN discovery, LLDP-MED for VLAN discovery
- Network address translation (NAT)—support for static configuration and "Keep-Alive" SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting

- TCP
- UDP
- DNS-SRV
- IPv4

### Security

- 802.1X authentication and EAPOL media encryption via SRTP
- Transport layer security (TLS)
- Encrypted configuration files
- Digest authentication
- Password login
- HTTPS secure provisioning
- Support for signed software executables

### Power

- Built-in auto-sensing IEEE 802.3af power over Ethernet Class 2, 5.0 W (Max)
- External universal AC/DC adapter (optional) 5VDC @ 3A (15W)
- ENERGY STAR® rated

### Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55032 Class B
- CISPR32 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KCC3
- UAE TRA
- Russia CU3
- Brazil ANATEL3
- Australia RCM
- South Africa ICASA3
- Saudi Arabia CITC
- China CCC3
- RoHS Compliant

### Safety

- UL 60950-1/62368-1
- CE Mark
- CAN/CSA C22.2 No 60950-1/62368-1-1
- EN 60950-1/62368-1
- IEC 60950-1/62368-1
- 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 150 comes with**

- Console
- Handset with handset cord
- Network (LAN) cable—CAT-5E
- Desk stand/Wall mount bracket
- Setup sheet

**Size**

- 24cm x 23cm x 5.7cm WxHxD
- 9.5in x 10in x 2.2in WxHxD

**Part numbers**

- 2200-48810-025—VVX 150 WW PoE