

# Poly VVX 250 4-Line IP Phone and PoE-enabled

## For today's office

Quality sound is standard on the Poly VVX 250 IP desk phone. You'll appreciate all the smart features on non-stop call days, but equally love the color display. It's a win-win for today's office environments.



\*Product image may differ from actual product

### Conversations stay on track

Hear every nuance on the Poly VVX 250 IP desk phone with quality audio featuring Poly HD Voice. And reduce distracting background noise at the source with Poly Acoustic Fence technology.

### Integrated protection<sup>1</sup>

Your phones stay cleaner for longer with integrated Microban® antimicrobial product protection<sup>1</sup> actively reducing the growth of bacteria 24/7.

Datasheet

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## Specifications



### Display

**Native resolution:** 320 x 240  
**Panel technology:** Color LCD  
**Display size (diagonal):** 2.8"  
**Display size (diagonal, metric):** 71 mm (2.8")

### Connectivity and communications

**External I/O ports:**  
 1 USB 2.0 Type-A (for media, storage applications, headset, optional Wi-Fi adapter)  
 2 RJ-45 (10/100/1000BASE-TX Mbps)

### Battery

**Power features:**  
 Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 2)  
 4.5 W (maximum)<sup>3</sup>

### User interface features

**Languages:**  
 Arabic; Chinese; Czech; Danish; Dutch; English; French; German; Hungarian; Italian; Japanese; Korean; Norwegian; Polish; Portuguese; Romanian; Russian; Slovenian; Spanish; Swedish

### Audio

**Audio features:**  
 PolyHD Voice  
 Poly Acoustic Clarity technology provides full duplex conversations, acoustic echo cancellation, and background noise suppression  
 Poly Acoustic Fence technology eliminates background noise when using a headset or wired headset  
 Poly Computer Audio Connector app installed on your PC (Windows only) enables selecting your phone for PC audio in/out to use the phone's handset, optional headset and handsfree speakerphone with PC applications  
 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  
**Frequency response (microphone):** 150 Hz to 7 kHz  
**Audio codecs:**  
 G.711 (A-law and  $\mu$ -law)  
 G.722  
 G.729AB  
 iLBC  
 OPUS

### Environmental

**Certifications and compliances:** Australia RCM; Brazil ANATEL; CAN/CSA C22.2 No. 62368-14/EN 60950-1; EN 60950-1 & EN 62368-1; EN55024; EN55032 Class B; EN61000-3-2, EN61000-3-3; FCC Part 15 (CFR 47) Class B; ICES-003 Class B; IEC 60950-1 & IEC 62368-1; NZ Telepermit; ROHS compliant; So. Korea KC; So. Africa ICASA; Saudi Arabia CITC; UAE TRA; UL 60950-1 and UL 62368-1; VCCI Class B; Indonesia SDPPP; ISPR32 Class B; Korea KCC; LLDP-MED for VLAN discovery; Mexico NOM ANCE; RTP support; Russia CU  
**Operating humidity range:** 5 to 95%  
**Operating Temperature Range (Celsius) / Operating Temperature Range (Fahrenheit):** 0 to 40°C / 32 to 104°F  
**Storage temperature range (Celsius) / Storage temperature range (Fahrenheit):** -40 to 70°C / -40 to 158 °F  
**Energy star certified:** ENERGY STAR<sup>®</sup> certified

### Certifications

**Special features:**  
 Adjustable desk stand (2 positions)  
 Unicode UTF-8 character support<sup>2</sup>

### Applications supported

**Management software:**  
 Poly Lens  
 Poly Zero Touch Provisioning  
 Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management  
 SDP

### Display features

Digital picture frame

### Security

**Security management:**  
 8021X Authentication and EAPOL Media encryption via SRTP  
 Digest authentication  
 Encrypted configuration files  
 HTTPS secure provisioning  
 Password login  
 Support for signed software executables  
 Support for URL syntax with password  
 Transport Layer Security (TLS)  
 SRTP media encryption using AES 256 bits

### Network

**Supported network protocols:**  
 10/100/1000 Base-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  
**VoIP features:**  
 Up to 16 SIP line registrations with pagination key  
 IETF SIP (RFC 3261 and companion RFCs)

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## Specifications



### Headset and handset compatibility

#### Headset ports:

- 1 RJ-9
- 1 Electronic Hook Switch (EHS) port for optional adapter

#### Headset and handset compatibility:

- Compatible with commercially available TTY adapter equipment
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatibility to ITU-T P.370 and TIA 504A standards
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids

### Telephony and call handling features

#### Telephony and call handling features:

- 4 line keys
- Up to 16 line key assignments for lines, contacts, and features supported with pagination
- Busy Lamp Field (BLF)
- Call timer and call waiting
- Call transfer, hold, divert (forward), park, pickup
- Called, calling, connected party information
- Calling Party Identification (RFC8225 classifications – Trusted, Unknown, SPAM)
- Distinctive incoming call treatment/call waiting
- Do not disturb function
- Electronic hook switch capable
- Enhanced Feature Keys make powerful feature shortcuts online key appearances or soft keys
- Local three-way audio conferencing
- Local configurable digit map/dial plan
- One-touch speed dial, redial
- Remote missed call notification
- Reverse number lookup via LDAP
- Shared call/bridged line appearance
- Flexible line appearance (one or more line keys can be assigned for each line extension)<sup>1</sup>

### Weight and dimensions

- Product Primary Color: Black
- Package dimensions (Imperial): 9.25 x 9.17 x 2.2 in
- Package dimensions (metric): 23.5 x 23.3 x 5.6 cm
- Package weight (Imperial): 1.96 lb
- Package Weight (metric): 890 g
- UPC number: 196188445471
- Product number: 89B62AA

### Warranty

Poly standard one-year limited warranty

### What is in the box

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

### Key Selling Points Footnotes

<sup>1</sup> Microban antimicrobial product protection is a built-in active ingredient that enables products to resist the growth of microbes such as bacteria, mold, and mildew. Microban protection helps products stay cleaner, fresher, and last longer than products with untreated surfaces.

### Technical Specifications Footnotes

<sup>1</sup> Most software-enabled features must be supported by the service provider platform. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features. <sup>2</sup> Optional wall mount kit can be ordered separately. <sup>3</sup> External universal AC/DC adapter, 5 VDC, 3 A, 15 W (sold separately).