Poly OBi 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	**Integrated protection**[1]
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.	Your phones stay cleaner for longer with integrated Microban® antimicrobial product protection [1] actively reducing the growth of bacteria 24/7.

Datasheet

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

Specifications

Display
Native resolution: 320 x 240
Panel technology: Color LCD
Display size (diagonal): 2.8"
Display size (diagonal, metric): 7.1 cm (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)[3]

User interface features
Languages:
Chinese; Danish; Dutch; English; French; German; Japanese; Korean; Norwegian; Spanish; Swedish; Finnish

Audio
Audio features:
Poly HD 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 handset 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 phones 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 μ-law)
G.722
G.729AB
iLBC
OPUS

Environmental
Certifications and compliances: Australia RCM; Brazil ANATEL; CAN/CSA C22.2 No. 62368-1-14EN 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 SDPPI; 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® certified

Certifications
Special features:
Adjustable desk stand (2 positions)
Unicode UTF-8 character support[2]

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:
802.1X 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)

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

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-TP.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:

Anonymous call indication

Block anonymous call

Busy Lamp Field (BLF)

Call forward on busy, on no answer, unconditional

Call return

Distinctive incoming call treatment/call waiting

Do not disturb function

Repeat dialing

Shared call/bridged line appearance

Corporate directory

Call park/retrieve

Directed call pickup

Flexible line appearance (one or more line keys can be assigned for each line extension)

Up to 6 SIP registrations per phone

Integrated IVR and Auto attendant

Up to 3-way locally mixed conference call

Call waiting

Maximum sessions control

External conference bridging

Visual voicemail support

XML Application Framework for third-party business and personal applications[1]

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

Product number: 89B58AA

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

[1] 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

[1] 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. [2] Optional wall mount kit can be ordered separately. [3] External universal AC/DC adapter, 5 VDC, 3 A, 15 W (sold separately).

July 2023