CORDLESS
IP PHONE WITH
DECT™ WIRELESS
TECHNOLOGY

BENEFITS

• Enables in-office wireless communication with business features including call waiting, do not disturb, hold, forward and call transfer

• Improves productivity with features like call park, call pickup, intercom and distinctive incoming call treatment

• Workplace mobility—up to 50 m (165 ft) indoor and up to 300 m (980 ft) outdoors from the base

• Provides a powerful and expandable solution by supporting 10 handsets per base, 8 lines and 8 simultaneous calls

POLY VVX D230 DECT™ IP PHONE

Your team is on the move and needs a handset that keeps up. Our VVX D230 DECT™ IP phone works as hard as any desk phone. Business features include: do not disturb, intercom, local three-way audio conferencing, and a high-resolution color display—just to name a few. Everyone on the call will have clear, interruption-free conversations with acoustic echo cancellation and background noise suppression. Don’t bother adding IT on speed dial. Get reliability, performance, and less hassle with this wireless IP phone.

• Intercom, call park/pickup
• Called, calling, connected party information and missed call notifications
• Local three-way audio conferencing
• One-touch speed dial and redial
• Support for HD Voice (G.722, Opus)
**SPECIFICATIONS**

**DECT™ FREQUENCY**
- 1920–1930 MHz (North America SKU)
- 1880–1900 MHz (EU/ANZ/UK SKU)
- Highest reported SAR - 1g Head 0.085 W/kg; 1g Body Worn 0.145 W/kg

**RANGE**
- Indoor: up to 165 ft (50 m)
- Outdoor: up to 980 ft (300 m)

**HANDSET DISPLAY**
- 2 in color TFT LCD display (resolution 178 x 220 pixel)

**LANGUAGE SUPPORT**
- Unicode UTF-8-character support.
- Multilingual user interface including US English, UK English, Canadian, Spanish, Dutch, Portuguese, Russian, Norwegian, Swedish, Danish, Polish, Slovenian, Deutsch, Français, Italiano

**HANDSET AUDIO FEATURES**
- Full-duplex conversations, acoustic echo cancellation and background noise suppression
- Frequency response—150 Hz–7 kHz for handset, optional headset and hands-free speakerphone modes
- Narrowband Codecs: G.711 (A-law and μ-law), G.726, G.729AB
- Wideband Codec: G.722, Opus
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC2833, in-band and SIP INFO)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- G.165, 168 echo cancelation
- Silence suppression

**TELEPHONY FEATURES**
- Multiple Lines Support for Handsets (eight lines per HS)
- Up to eight simultaneous calls
- Up to 10 handsets per base
- Shared call/bridged line appearance
- Configurable maximum session
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Device Web Page Standard: HTTP v1.1, XML v1.0
- Call transfer, hold, divert (forward), pickup, call resume
- Called, calling, connected party information
- Local or network based three-way audio conferencing
- One-touch speed dial, redial
- Missed call notification
- Do not disturb function
- Intercom
- Three-way conference calling with local mixing
- Local or network-based Call Park
- Integrated Music On Hold for local Call Park feature
- Caller ID enable/disable, caller ID number, caller ID name
- Call forward on busy, on no answer, unconditional
- Message waiting indicator
- Visual message waiting indicator
- Call routing rules
- SIP service configurable inbound call routing rules
- In-band DTMF
- Out of voice band DTMF (RFC 2833)
- Out of voice band DTMF (SIP INFO METHOD)
- Call progress tone generation
- Tone Profile per SIP SP and OBITALK service
- Daylight Savings Time support – worldwide

**VOIP FEATURES**
- Eight (8) service provider configuration profile assignments (ITSP Profile A – H)
- Eight (8) service subscription profile assignments (SP 1 – 8)
- SIPv2 (RFC 3261, 3262, 3263,3264)
- SIP over UDP
- SIP over TCP
- SIP over TLS
- SIP proxy redundancy – Local or DNS based SVR, primary and secondary fallback list restrict source IP address
- Maximum number of sessions – independent per service
- G.711 A-Law (64kbps)
- G.711 u-Law (64kbps)
- G.726 (32 kbps)
- G.729a (8kbps)
- iLBC (13.3kbps, 15.2 kbps)
- G.722
- Opus
- Codec pre-selection code
- Codec name assignment
- Codec profile per SIP SP
- Dynamic audio payload
• Packet loss concealment
• Jitter buffer (adaptive)
• STUN
• ICE
• SUBSCRIBE/NOTIFY Framework (RFC 3265)
• NOTIFY dialog, line status
• SUBSCRIBE message summary
• VoIP NAT interworking
• DATA Header support
• Remote-Party-ID (RPID)
• P-Asserted-Identity (PAID)
• RTP Statistics in BYE message and SIP PUBLISH with MOS score
• OPEN APPLICATION PLATFORM
  • Managed with Polycom Obi Edition Software:
    - Corporate directory (Broadsoft)
    - Visual conference management
• NETWORK
  • Two-port Ethernet switch
  • 10/100Base-TX across LAN and PC port
  • Conforms to IEEE802.3-2005 (Clause40) for physical media attachment
  • Conforms to IEEE802.3-2002 (Clause28) for link partner auto-negotiation
• SIP protocol support
• SDP
• CDP
• 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
• SNTP (RFC 2030) – primary and secondary NTP servers
• Provisioning and call server redundancy supported1
• QoS support – IEEE 802.1p/Q tagging
• (VLAN), Layer 3 TOS, and DHCP
• LLDP-MED for VLAN discovery
• Network address translation – support for static configuration and "Keep-Alive" SIP signaling
• RTCP and RTP support
• Event logging
• Syslog
• Status and statistics reporting
• MAC Address (IEEE 802.3)
• UDP (RFC 768) in SSL/TLS
• TCP (RFC 793) in SSL/TLS
• IPv4 (RFC 791) – static IP and DHCP support
• ICMP (RFC 792)
• ARP – address resolution protocol
• Domain Name System (DNS) A records (RFC 1706) and SRV records (RFC 2782)
• DNS NAPTR
• RTP/RTCP (RFC 1889)
• DHCP Client (RFC 2131)
• DiffServ (RFC 2475) – independently configured service, SIP and media
• ToS (RFC 791, 1349) – independently configured service, SIP and media
• VLAN tagging (802.1p) – independently configured service, SIP and media
• RTP STATISTICS
  • Audio Codec Type (Tx/Rx)
  • RTP Packetization (Tx/Rx)
  • RTP Packet Count (Tx/Rx)
  • RTP Byte Count (Tx/Rx)
  • Packets Out-Of-Order
  • Packets Interpolated
  • Packets Dropped
  • Packets Lost
  • Jitter Buffer Length-ms
  • Received Interarrival Jitter-ms
  • Jitter Buffer Underruns
  • Jitter Buffer Overruns
  • MOS Score
• MANAGEMENT AND CONFIGURATION
  • Provisioning via PDMS-SP
  • Local access interface: IVR, web wage – password protected (admin or user level log-in)
  • Remote access interface: Syslog (multi-level granularity), web, provisioning
  • Device web page standard: HTTP v1.1, XML v1.0
  • Remote provisioning: XML via TFTP, HTTP or HTTPS
  • Secure remote provisioning: HTTPS, encrypted XML via HTTP or TFTP
  • Customization: Poly Zero Touch
  • Call history (CDRs; call details records on Obi web page, export to XML)
  • System settings back-up/restore: save and restore configuration via XML file to/from a local folder
• SECURITY
  • 802.1X authentication and EAPOL
  • Media encryption via SRTP
  • Transport layer security1
  • Encrypted configuration files1
• Digest authentication
• Username and Password access via HTTP, HTTPS, TFTP
• HTTPS secure provisioning1
• Device Web Page Standard: HTTP v1.1, XML v1.0
• HEADSET AND HANDSET COMPATIBILITY
  • Dedicated 2.5 mm headset port
  • External 2.5 mm to 3.5 mm headset adapter
  • Compliant with ADA Section 508 Subpart B1194.23 (all)
  • Hearing aid compatible handset for magnetic coupling to hearing aids
• HANDSET POWER
  • External universal AC adapter (5V 6W DC)
  • Handset Battery
  • 1 Ni-MH 800 –mAh (2.4V) AAA battery (rechargeable)
  • Up to 10 hours talk time
  • Up to 100 hours standby time
• POLY VVX D230 DECT™ IP PHONE BASE STATION COMES WITH:
  • VVX D230 wireless handset
  • VVX D230 wireless base station
  • Network (LAN) cable
  • Wireless handset belt clip
  • Wireless handset 2.5 mm to 3.5 mm headset adapter
Battery pack
Quick start guide
Power adapter

POLY VVX D230 DECT™ IP PHONE
WIRELESS HANDSET COMES WITH:
- Handset
- Charger
- 2.5 mm to 3.5 mm headset adapter
- Quick start guide
- Power adapter

APPROVALS
- FCC
- IC RSS
- CE
- AU/NZ RCM
- Hong Kong HKCA
- Singapore IDA TS CT-CTS
- ROHS compliant

Safety
UL 60950-1
CE Mark
CAN/CSA C22.2 No 60950-1
EN 60950-1
IEC 60950-1
AS/NZS 60950.1

OPERATING CONDITIONS
- Temperature: 0 to 40° C (+32 to 104° F)
- Relative humidity: 25% to 90%, noncondensing
- Storage Temperature: -40 to +65 ° C (-40 to +149° F)

WEIGHT
- Base station weight: 0.574 lbs (0.26 kg)
- Handset: 0.272 lbs (0.12 kg)
- Handset charger: 0.16 lbs (0.07 kg)

UNIT BOX DIMENSIONS (W X H X D)/ WEIGHT
- Base Station box dimensions: 8 x 3.5 x 8.65 in (20.5 x 9 x 22 cm)
- Base Station box weight: 1.87 lbs (0.85 kg)
- Handset box dimensions: 8 x 3.75 x 6.1 in (20.5 x 9.5 x 15.5 cm)
- Handset box weight: 1.226 lbs (0.56 kg)

MASTER CARTON QUANTITY
- 10

COUNTRY OF ORIGIN
- China

WARRANTY
- 1 year limited warranty

1 Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features.

LEARN MORE
For more information on VVX D230 DECT™ IP Phone visit www.poly.com/phones