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)
POLY VVX D230 DECT™ IP PHONE

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, 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
- 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
- Local or network-based Call Park
- Integrated Music On Hold for local Call Park feature
- Caller ID enable/disable, caller ID number, call resume
- 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
- Codec pre-selection code
- Codec name assignment
- Codec profile per SIP SP
- Dynamic audio payload
- 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

DATA SHEET_POLY VVX D230 DECT™ IP PHONE
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 (Clause 40) 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 supported
• 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
• IPv6 (RFC 2460)
• 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

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
• 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 security
• Encrypted configuration files
• Digest authentication
• Username and Password access via HTTP, HTTPS, TFTP
• HTTPS secure provisioning
• Device Web Page Standard: HTTP v1.1, XML v1.0

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

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