Cordless IP Phone With DECT™ Wireless Technology

**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.

**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 an 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

- 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, Slovenia, Deutsch, Francais, 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 Codec: 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, 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
• 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
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
• 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

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 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

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

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

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