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, 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 (Clause 28) 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 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
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COUNTRY OF ORIGIN
• China

WARRANTY
• 1 year limited warranty

LEAR

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

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