

Polycom VVX 311 Gigabit Business Media Phone (VVX311)



Product Name: Polycom VVX 311 Gigabit Business Media Phone (VVX311)

Manufacturer: -

Model Number: 2200-48350-025

Please Note: This product has been discontinued. For an alternative, please see the other Poly Products.

Polycom VVX 311 Gigabit Business Media Phone

The Polycom VVX 311 brings high-quality, cost-effective solutions to any environment through advanced unified communications (UC) features.

Polycom VVX311 Key Features

- Up to 6 SIP accounts
- Backlit graphical display: 208x104
- PoE (Power over Ethernet)
- Enhanced processor and memory over the VVX 310
- 2 Gigabit Ethernet Ports
- HD Voice
- RJ9 Headset Port 4-way navigation keys
- Supports VVX Key Expansion Modules

The phone comes with a 208x104 backlit graphical LCD screen included. Using the simple navigation keys, you can access any call information or phone feature you may need with ease. The phone also includes HD Voice technology from Polycom which, along with the full-duplex speakerphone, will ensure that you can both hear and be heard with absolute clarity.

Polycom VVX311 - Technical Specifications

User interface features

- 3.2 in Backlit 8-level Grayscale graphical LCD (208 x 104) resolution
- Voicemail support
- WebKit-based browser
- Adjustable base height
- Unicode UTF-8 character support. Multilingual user interface including Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, and Swedish

Audio Features

- Polycom® HD Voice® technology delivers life-like voice quality for each audio path handset, the hands-free speakerphone, and the optional headset
- Polycom® Acoustic Clarity® technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression - Type 1 compliant (IEEE 1329 full duplex)
- Frequency response - 150 Hz - 7 kHz for handset, optional headset and hands-free speakerphone modes
- Codecs: G.711 (A-law and µ-law), G.729AB, G.722, G.722.1, iLBC
- 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
- Packet loss concealment

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Headset and handset compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility to ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially available TTY adapter equipment

Call handling features¹

- 6 lines (programmable line keys)
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (1 or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/ call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local 3-way audio conferencing
- 1-touch speed dial, redial
- Remote missed call notification
- Do not disturb function
- Electronic hook switch capable
- Local configurable digit map/dial plan

Open application platform

- WebKit-enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
- Supports Polycom Apps SDK and API for third-party business and personal applications
- Bundled with Polycom UC Software:- Corporate directory access using LDAP Visual Conference Management

Network and Provisioning

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Ethernet switch- 10/100Base-TX across LAN and PC ports (VVX 300)- 1000Base-TX available on VVX 310- 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
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported¹
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- VLAN - CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery- Network address translation support for static configuration and “keep-alive”; SIP signalling
- RTCP and RTP support
- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting
- IPv4

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- TCP
- UDP
- DNS-SRV

Security

- 802.1X authentication and EAPOL media encryption via SRTP
- Transport layer security
- Encrypted configuration files
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address
- HTTPS secure provisioning
- Support for signed software executables

Power

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 2)
- External Universal AC adapter (optional), 48VDC 0.3A

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Korea KC3
- UAE TRA4
- Russia CU4
- Brazil ANATEL4
- Australia RCMOHS compliant
- 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
- ICASA (add)
- CITC

Operating conditions

- Temperature: 0 to 40°C (+32 to 104°F)
- Relative Humidity: 5% to 95%, noncondensing

Storage Temperature

Polycom VVX 311 Gigabit Business Media Phone (VVX311)

½ -40 to +70°C (-40 to +160°F)

Polycom VVX 300 comes with:

½ VVX 300 console

½ Handset with handset cord

½ Network (LAN) Cable - CAT-5E

½ Quick Start Guide- A ferrite clamp is included in the box- Open Source OFFER is included in the box

Size

½ 7.5 x 6 x 7 in (19 x 15 x 18 cm) (W x H x D)

Weight

½ Unit weight: 2.0 lbs (0.9 kg)

Unit box dimensions

½ 11.4 x 7.9 x 3.5 in (29 x 20 x 9 cm)

½ 3.1 lbs (1.4 kg)

Please Enquire

Options available for Polycom VVX 311 Gigabit Business Media Phone (VVX311) :

Require Power Supply

Not Required, [Universal 48V, 0.52A Power supply \(+£20.50\).](#)