



CUTTING-EDGE EXPERIENCE

BENEFITS

- Improved accessibility with text-to-speech feature, screen color adjustments for color blindness and bigger font settings.
- Stay informed with style with the color light bar status indicator.
- Let the phone compliment your office layout with a 2-position stand and wall mount hardware included.
- Your phones stay cleaner for longer with integrated Microban® antimicrobial protection.

POLY EDGE E220 IP DESK PHONE

It's time for a desk phone that makes hybrid work easy. The Poly Edge E220 with four-line keys offers more ways to connect, plus unbelievable audio, in a seriously sharp package. Built for hot-desking and hybrid working, these phones provide simple mobile phone pairing, plus bring together Poly's famous noise reduction technology and a cutting-edge design for the perfect user experience. Our most versatile phones to date, the Poly Edge E220 is packed with features you didn't even know you needed, like text-to-speech and antimicrobial protection. No matter what size your business, this is the phone that upgrades your office with style, bringing your organization into the future.

- 4-line keys supporting up to 16 lines, features and contacts.
- Integrated Bluetooth® 5.0 for mobile phone or headset pairing.
- Signature Poly HD voice.
- Poly NoiseBlockAI and Poly Acoustic Fence technologies.
- Bright 2.8" color IPS LCD display.

POLY EDGE E220

SPECIFICATIONS

LINES / FEATURE KEYS

- 4-line keys supporting up to 16-line key assignments for lines, contacts, and features supported with pagination
- 4 context-sensitive “soft” keys
- 4-way navigation key cluster with center “Select” key
- Home and back feature keys
- Pagination key for additional lines/ contacts
- Volume + / - control keys
- Hold and Transfer keys
- Headset select key
- Speakerphone select key
- Mute key (illuminated when muted)

USER INTERFACE FEATURES

- Color 2.8” IPS LCD display (320x240 pixel resolution)
- Voicemail support¹
- WebKit-based browser
- Two position desk stand with wall mount option included
- Unicode UTF-8 character support
- One USB Type-C ports (2.0 compliant) for media, storage applications and headset connectivity
- Lightbar status indicator (RGB with color mixing)
- Integrated Bluetooth® 5.0
- NFC Support
- Multilingual user interface including² Arabic (UAE), Chinese (Traditional/ Simplified), Czech, Danish, Dutch, English (Canada/ US/UK), French (France/Canadian), German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovenian, Spanish, and Swedish

AUDIO FEATURES

- Poly HD Voice technology delivers lifelike voice quality for each audio path: handset, hands-free speakerphone, and optional headset
- Poly Acoustic Clarity technology provides full duplex conversations, acoustic echo cancellation, and background noise suppression
- Poly Acoustic Fence technology eliminates background noise when using a handset or wired headset
- Poly NoiseBlockAI technology removes most background noise when using the speakerphone
- Poly Computer Audio Connector app installed on your PC (Windows only) enables selecting your phone for PC audio
- Frequency response—150 Hz-14 kHz for handset, optional headset and handsfree speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722 (HD Voice), G.722.1, iLBC, OPUS
- TIA-920 wideband audio, type 1 compliant (IEEE 1329 full duplex)
- 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

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
- USB headset support (USB Type-C)
- Bluetooth headset support

CALL HANDLING FEATURES¹

- Enhanced Feature Keys make powerful feature shortcuts online key appearances or soft 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), park, pickup
- Called, calling, connected party information
- Local 3-way audio conferencing
- 1-touch speed dial, redial
- Remote missed call notification
- Do not disturb function
- Reverse Number Lookup via LDAP
- Calling Party Identification (RFC8225 classifications—Trusted, Unknown, SPAM)
- 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
- NFC-enabled Edge E series phones allow third-party applications to read serial number and other device information that can be useful in application development such as guest login for phone hoteling or Bluetooth pairing¹
- Corporate directory access using LDAP
- Visual Conference Management

NETWORK AND PROVISIONING

- SIP Protocol Support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port gigabit Ethernet switch 10/100/1000Base-TX across LAN and PC ports
 - 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/FTPS/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 (NAT) — support for static configuration and
- “Keep-Alive” SIP signaling
- RTCP and RTP support
- Event logging
- Syslog

- Hardware diagnostics
- Status and statistics reporting
- IPv4, IPv6, dual stack (IPv4/IPv6) mode
- TCP
- UDP
- DNS-SRV

SECURITY

- 802.1X Authentication and EAPOL Media encryption via SRTP
- Transport Layer Security (TLS)
- 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 3) 13 W (Max)
- External Universal AC/DC Adapter (optional) 5VDC @ 3A (2.5W) - power supply unit (PSU) sold separately
- ENERGY STAR[®] rated

REGULATORY APPROVALS³

- Argentina ENACOM
- Australia RCM
- Brazil ANATEL
- Canada ICES
- China SRRC
- China RoHS 2.0
- EEA CE Mark
- Eurasian Customs Union EAC
- India WPC
- Indonesia SDPPI
- Israel MOC
- Japan MIC and VCCI
- Malaysia SIRIM
- Mexico IFETEL and NYCE
- NZ Telepermit

- Saudi Arabia CITC
- Singapore IMDA
- South Africa ICASA
- South Korea KC
- Taiwan NCC
- UAE TRA
- UK - UKCA
- USA FCC

SAFETY

- UL 62368-1
- CAN/CSA C22.2 No. 62368-1-14
- EN 60950-1/62368-1
- IEC 60950-1 and IEC 62368-1
- AS/NZS 60950.1/62368.1

EMC

- FCC Part 15 Class B
- ICES-003 Class B
- EN 55032 Class B
- EN 55024
- EN 301 489-1 and EN 301 489-17
- CISPR32 Class B
- VCCI Class B

OPERATING CONDITIONS

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

STORAGE TEMPERATURE

- -40 to +70° C (-40 to +160° F)

POLY EDGE E220 COMES WITH

- Console with Microban[®] Antimicrobial protection
- Handset with Microban[®] Antimicrobial protection
- Handset cord with Microban[®] Antimicrobial protection
- Network (LAN) cable—CAT-5E
- Desk Stand
- Wall mount hardware included
- Setup Sheet

POLY EDGE E220 UNIT BOX DIMENSIONS (L X W X D) / WEIGHT

- Box dimension: 22.3 x 25.5 x 8.3 (cm); 8.8 x 10 x 3.5 (inches)
- Box weight: 0.88kg/ 1.95lbs (with product, accessories, and documents)

MASTER CARTON QUANTITY

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PART NUMBERS - PHONES

- 2200-86990-025:
POLY EDGE E220 IP PHONE

COUNTRY OF ORIGIN

- China

PART NUMBERS - ACCESSORIES

- 2200-49925-001
EDGE E, CCX350, PSU, 5V/3A, NA/JP
- 2200-49926-015
EDGE E, CCX350, PSU, 5V/3A, BZ/KR/CN/AR
- 2200-49926-125
EDGE E, CCX350, PSU, 5V/3A, EU/ANZ/UK/IN

¹Most 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.

²Planned localizations

³Planned compliances

LEARN MORE

For more information on Poly Edge E220 visit www.poly.com/edge-e100-e200