



EDGE E100

Business IP Phone



ESSENTIAL PERFORMANCE, UNMATCHED RELIABILITY

The Poly Edge E100 is the ideal entry-level IP phone, combining reliability with effortless communication. Featuring a bright 2.8" color display, GigE PoE support, and 2-line keys for up to 8 programmable lines, it delivers essential business features in a sleek, modern design.

KEY FEATURES

- 2.8" color display
- 2 line keys (Supports up to 8 programmable lines)
- Poly NoiseBlockAI and Acoustic Fence technology
- GigE PoE Connectivity

ADDITIONAL SPECIFICATIONS

DISPLAY

- Aspect ratio:
- 9:16
- Native resolution:
- 320 x 240
- Panel technology:
- Color IPS LCD
- Display size (diagonal):
- 2.8"
- Display size (diagonal, metric):
- 7.1 cm (2.8")

CONNECTIVITY AND COMMUNICATIONS

External I/O ports:

- 1 USB 2.0 Type-C® (for media and storage applications)
- 2 RJ-45 (10/100/1000BASE-TX Mbps)

BATTERY

Power features:

- 13 W (maximum)
- Built-in auto-sensing IEEE 802.3af Power over Ethernet (Class 3)²

USER INTERFACE FEATURES

Languages:

- Arabic; Chinese; Czech; Danish; Dutch; English; French; German; Hungarian; Italian; Japanese; Korean; Norwegian; Polish; Portuguese; Romanian; Russian; Slovenian; Spanish; Swedish

AUDIO

Audio features:

- Poly HD Voice
- Poly Acoustic Clarity technology provides full duplex conversations, acoustic echo cancellation, and background noisesuppression
- 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 audioin/out to use the phones handset, optional headset and handsfree speakerphone with PC applications
- 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

Frequency response (microphone):

- 150 Hz to 14 kHz

Audio codecs:

- G.711 (A-law and μ -law)
- G.722
- OPUS

ENVIRONMENTAL

Certifications and compliances:

- AS/NZS 4268; Australia RCM; Brazil ANATEL; CISPR22 Class B; EEA; EN55024;EN55032 Class B; EN 301 489-1; EN 301 489-3; EN 301 489-17; ETSI EN 300 328 v1.9.1; ETSI EN 301 893 v1.7.1; FCC Part 15(CFR 47) Class B; FCC Part 15.247; FCC Part 15.407; ICES-003 Class B; Israel MOC; Japan MIC/VCCI; Japan Item (19)-3;Japan Item (19)-3-2; Malaysia SIRIM; NZ Telepermit; Saudi Arabia CITC; Singapore IMDA; So. Africa ICASA; So. Korea KC;UAE TRA; Argentina ENACOM; Canada ICES; Canada-RSS 247 Issue2; China SRRC; China RoHS 2.0; Eurasian CustomsUnion EAC; India WPC; Indonesia SDPPI; Mexico IFETEL and NYCE; Taiwan NCC; UK - UKCA; USA FCC

Operating humidity range:

- 5 to 95%
- Operating Temperature Range (Celsius) / Operating Temperature Range (Fahrenheit): 0 to 40°C / 32 to 104°F
- Storage temperature range (Celsius) / Storage temperature range (Fahrenheit): -40 to 70°C / -40 to 160°F

Energy star certified:

- ENERGY STAR® certified

CERTIFICATIONS

Special features:

- Unicode UTF-8 character support
- Adjustable desk stand (2 positions)
- Wall mountable

APPLICATIONS SUPPORTED

Management software:

- Poly Zero Touch Provisioning
- Poly Lens
- Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management
- SDP

DISPLAY FEATURES

Lightbar status indicator (RGB with color mixing)

SECURITY

Security management:

- 802.1X Authentication and EAPOL Media encryption via SRTP
- Digest authentication
- Encrypted configuration files
- HTTPS secure provisioning
- Password login
- Support for signed software executables
- Support for URL syntax with password
- Transport Layer Security (TLS)
- Wi-Fi encryption: WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X (EAP-TLS, PEAP-MSCHAPv2)
- SRTP media encryption using AES 256 bits

NETWORK

Supported network protocols:

- DHCP VLAN discovery
- LLDP-MED for VLAN discovery
- FTP/TFTP/HTTP/HTTPS server-based central provisioning
- Hardware diagnostics
- Manual or dynamic host configuration protocol (DHCP) network setup
- Network address translation support for static configuration and Keep-Alive
- QoS Support — IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- Status and statistics reporting
- Syslog Event Logging
- Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
- Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- Time and date synchronization using SNTP
- RTCP and RTP support
- IPv4
- IPv6
- Provisioning and call server redundancy support
- DNS-SRV
- UDP
- SIP protocol support
- IETF SIP (RFC 3261 and companion RFCs)

VoIP features:

- 2 line keys supporting up to 8 SIP lines with pagination

ADDITIONAL SPECIFICATIONS

HEADSET AND HANDSET COMPATIBILITY

Headset ports:

- 1 RJ-9
- 1 Electronic Hook Switch (EHS) port for optional APP-51 adapter

Headset and handset compatibility:

- Compatible with commercially available TTY adapter equipment
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatibility to ITU-TP.370 and TIA 504A standards
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- USB Type-C® headset support

TELEPHONY AND CALL HANDLING FEATURES

Telephony and call handling features:

- 4 context-sensitive soft keys
- 4 way navigation key cluster with center Select key
- Bundled with Polycom UC Software: Corporate Directory Access using LDAP
- Busy Lamp Field (BLF)
- Call timer and call waiting
- Call transfer, hold, divert (forward), park, pickup
- Called, calling, connected party information
- Calling Party Identification (RFC8225 classifications — Trusted, Unknown, SPAM)
- Distinctive incoming call treatment/call waiting
- Do not disturb function
- Electronic hook switch capable

- Enhanced Feature Keys make powerful feature shortcuts online key appearances or soft keys
- Headset select key (illuminated when selected)
- Hold and transfer keys
- Home and back feature keys
- Local three-way audio conferencing
- Local configurable digit map/dial plan
- Mute key (illuminated when muted)
- One-touch speed dial, redial
- Pagination key for additional lines/contacts
- Remote missed call notification
- Reverse number lookup via LDAP
- Shared call/bridged line appearance
- Speakerphone select key (illuminated when selected)
- Supports Polycom Apps SDK and API for third-party business and personal application
- Visual Conference Management
- Voicemail key
- Volume +/- control keys
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- 2 programmable line keys supporting up to 8 line key assignments for lines, contacts, and features with pagination

COUNTRY OF ORIGIN

Country of origin:

- Made in China

WARRANTY

- Poly standard one-year limited warranty

WHAT IS IN THE BOX

- Setup sheet
- Network (LAN) cable-CAT-5E
- Desk stand
- Console with Microban® Antimicrobial protection
- Handset with Microban® Antimicrobial protection
- Handset cord
- Wall mount hardware



Intermedia has been recognized by J.D. Power for providing "An Outstanding Customer Service Experience" for its Assisted Technical Support. J.D. Power 2023 Certified Assistance and Technical Support ProgramSM recognition is based on successful completion of an evaluation and exceeding a customer satisfaction benchmark through a survey of recent servicing interactions for its technology service and support operations. For more information, visit www.jdpower.com

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