Poly Edge B30 IP Phone and PoE-enabled

Call with confidence

Sleek design meets quality audio at an affordable price. Easy-to-use illuminated keys, plug-and-play provisioning, and reliability make it pure value.

Crisp audio
Hear every nuance of your call. Poly HD voice and Poly Acoustic Fence technologies give you business-grade audio quality with reduced background noise.

Easy to use
Simplicity right out of the box. No need to guess if you are on mute, speakerphone, or headset [1]. These keys light up when selected. Instantly add co-workers to your call with 5-way local audio conferencing.

Totally turnkey
Poly cloud management software makes these phones the smart choice. IT can easily monitor, manage, and maintain devices securely from the cloud with PDMS-SP and Poly Lens software.

Line keys
4 lines displayed; 16-line key assignments supported with pagination.

Headset compatibility
More Poly headset options with both RJ9 and 3.5 mm headset ports.[1]

Simple setup
Simplified network and provisioning with two-port gigabit Ethernet switch 10/100/1000 Base-TX across LAN and PC ports. Zero touch provisioning means these phones are ready right out of the box. Power over ethernet (POE).

Go hands free
More productive calls with a hands-free speakerphone with proven acoustic echo cancellation and background noise suppression technology.

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Specifications

Display
Panel technology: Monochrome LCD
Display size (diagonal, metric): 7.1 cm (2.8")

Connectivity and communications
External I/O ports:
2 RJ-45 (10/100/1000BASE-TX Mbps)

Battery
Power features:
Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 2)[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
Full-duplex handsfree speakerphone with acoustic echo cancellation and background noise suppression
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
Audio codecs:
G.711 (A-law and μ-law)
G.722
G.729AB
iLBC
OPUS

Environmental
Certifications and compliances: AS/NZS 60950-1; Australia RCM; Brazil ANATEL; CAN/CSA C22.2 No. 62368-1-14EN 60950-1; CE Mark; CISPR22 Class B; EN 60950-1 & EN 62368-1; EN55024; EN55032 Class B; EN61000-3-2, EN61000-3-3; FCC Part 15 (CFR 47) Class B; ICES-003 Class B; IEC 60950-1 & IEC 62368-1; NZ Telepermit; ROHS compliant; Saudi Arabia CITC; So. Africa ICASA; UAE TRA; UL 60950-1 and UL 62368-1; VCCI Class B; China RoHS 2; ENERGY STAR; Indonesia SDPPI; Mexico NOM ANCE; Russia CU
Operating humidity range: 5 to 95%
Operating Temperature Range (Celsius) / Operating Temperature Range (Fahrenheit): 0 to 40°C /
Storage temperature range (Celsius) / Storage temperature range (Fahrenheit): -40 to 70°C /
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 Lens
Poly Zero Touch Provisioning
Polycom Device Management Service for Service Providers (PDMS-SP) Cloud Management
Web UI to device IP address

Security
Security management:
802.1X Authentication and EAPOL Media encryption via SRTP
Digest authentication
HTTPS secure provisioning
Encrypted configuration files
Password login
Transport Layer Security (TLS)
Support for signed software executables

Network
Supported network protocols:
Administrator password protected
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
SIP signaling
RTCP and RTP support
IPv4
Provisioning and call server redundancy support
TCP
DNS-SRV
UDP
VoIP features:
Up to 16 SIP line registrations with pagination key

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Specifications

Headset and handset compatibility

Headset ports:
1 RJ-9
13.5 mm headset jack
1 Electronic Hook Switch (EHS) with optional APD-80 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-T P.370 and TIA 504A standards
Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids

Telephony and call handling features

Telephony and call handling features:
16 line keys (configurable, with pagination)
4 context-sensitive soft keys
4 line keys with LED
4 way navigation key cluster with center Select key
Anonymous call indication
Background Firmware Updates (TR-69 support)
Block anonymous call
Busy Lamp Field (BLF)
Call forward on busy, on no answer, unconditional
Call logs (200)
Call progress tone generation
Call return
Call timer and call waiting
Call transfer, hold, divert (forward), park, pickup
Caller ID enable/disable
Daylight savings time support — worldwide
Dialing from call logs
Distinctive incoming call treatment/call waiting
Distinctive ringtones
Do not disturb function
Electronic hook switch capable
Enhanced call park
Headset select key (illuminated when selected)
Hold and transfer keys
Home and back feature keys
Local five-way audio conferencing
Message Waiting Indicator (MWI)
One-touch speed dial, redial
Page Groups (10)
Remote missed call notification
Repeat dialing
Shared call/bridged line appearance
Speed Dialing (99 entries, E.164 or URI)
Call hold/resume, diversion (forward), transfer (consultation, blind), pickup
Calling, called, connected party identification
Call logs (missed, received, placed)
4 lines displayed[1]

Weight and dimensions

Product Primary Color: Black
Package dimensions (metric): 17.6 x 16.3 x 4.4 cm
Package Weight (metric): 910 g
Product number: 82M84AA

Country of origin

Country of origin: Made in China

Warranty

Poly standard one-year limited warranty

What is in the box

Console
Desk stand/wall mount hardware
Handset with handset cord
Network (LAN) cable
Safety information sheet
Setup sheet with QR code to documentation and video
Power supply unit (PSU)

Key Selling Points Footnotes
[1] Poly headset sold separately.

Technical Specifications Footnotes
[1] Most software-enabled features must be supported by the service provider platform. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features. [2] External universal AC/DC adapter, 5 VDC, 3 A, 15 W (sold separately).

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