



DATA SHEET

Polycom® OBi2182 Business IP Phone

Cloud-managed Gigabit IP phone with color display

The Polycom® OBi2182 is a business-class color IP phone with support for up to 48 lines and up to six SIP accounts and Polycom OBiTALK VoIP Service. The Polycom OBi2182 supports Polycom OBiTalk device management portal for remote management from mainstream web browsers and applications, enabling fast and easy installation and maintenance.

Connectivity

The Polycom OBi2182 includes built-in WiFi to expand connectivity options around the office so phones aren't tied to inconvenient locations. With built-in Bluetooth 4.0 and AMR-WB support, extend high-definition voice calls over wireless headsets or mobile devices.

Unparalleled flexibility

Control the look of the Polycom OBi2182 IP phone through a variety of line key display and indication options, skins, icons, and wallpapers. The appearance of screen items, call apps and messages are also customizable to fit with the VoIP services offered. The Polycom OBi2182 also supports third-party XML applications and instant messaging platforms.

Easy deployment and administration

The Polycom OBiTALK device management platform is a reliable, secure, cloud-based, out-of-band management interface designed for massive scale zero-touch device bootstrapping, configuration customization, and provisioning. Polycom OBiTALK also provides for in-service device management and troubleshooting, with functionality including device logging, packet capture, call QoS and statistics reporting.



Key benefits

- Built-in 2.4 GHz and 5 GHz, 802.11ac WiFi and Bluetooth 4.0 compatibility to expand connectivity options
- Large vivid 5" color display offers an engaging experience with visual information at a glance
- Easily configure and roll-out services and provide on-going fast support with the OBiTALK cloud-based management platform
- Support for third-party applications, directories and instant messaging platforms

Product specifications

User interface features

- 5" (800x480p) color display
- 12 line keys with LED indicators
- 2 programmable feature keys
- 2 USB 2.0 ports
- 3.5mm headset port
- 48 simultaneous calls
- Message Waiting (Visual and Tone-based)
- Customizable feature key configurations, icons, and wallpapers
- Per-SP Service preferences
- Visual voicemail support
- Support for in-phone XML applications
- 24 line key sidecar option—up to two per phone

Audio features

- Frequency response: 150 Hz—7 kHz for handset, optional headset and handsfree
- speakerphone modes
- Codecs: G.711 (A-law and μ -law), G.729AB, G.722, G.722.1, iLBC, OPUS, AMR-WB
- Individual volume levels with visual feedback for each audio path
- DTMF tone generation (In-band, RFC 2833 and SIP INFO)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

Headset and handset compatibility

- Dedicated RJ-9 headset port (with Electronic Hook Switch), USB, 3.5mm Line-out and Bluetooth
- 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 TTY adapter equipment

Call handling features

- 12 line keys with up to 48 virtual line keys
- 6 SIP services and 1 OBiTALK VoIP service
- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (1 or more line keys assignable for each line extension)
- Distinctive incoming call treatment
- Up to 4-way locally mixed conference call
- Call Waiting

- Call Forward (Unconditional, on Busy, on No Answer)
- Call Park, Pickup, and Directed Call Pickup
- Maximum Sessions Control
- Do Not Disturb
- Call Return
- Repeat Dialing
- Anonymous Call and Call Block
- Open application platform
- Support for XML apps and OBiTALK API for third-party business and personal applications
- Corporate directory access (using Microsoft LDAP, Broadsoft and Google—more to come)
- External conference bridging
- Built-in interface for instant messaging platforms

Network and provisioning

- MAC Address (IEEE 802.3)
- UDP (RFC 768) in SSL/TLS
- TCP (RFC 793) in SSL/TLS
- IP version 4, 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) RTP (RFC 1889, 1890), RFC 5966
- 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,
- SNMP (RFC 2030)—Primary and Secondary NTP Servers
- LLDP-MED
- Two-port Gigabit Ethernet switch with PoE
- Local Access Interface: IVR, Web Page—Password Protected (Admin and User Level Log-in)
- Remote Access Interface: Syslog (Multi-Level Granularity), Invokable via SIP Notify, Web, Provisioning
- Device Web Page Standard: HTTP v1.1, XML v1.0
- Remote Provisioning: XML via TFTP or HTTP, (TR069/TR104 Parameter Naming Syntax)
- Secure Remote Provisioning: HTTPS, Encrypted XML via HTTP or TFTP—Dedicated User Name and Password

- Secure Remote Firmware Update: Encrypted Binary File via TFTP or HTTP + Dedicated User Name and Password
- Customization: Obihai Zero-Touch Automatic Customization and Configuration
- Session Information: SIP Session Status, OBiTALK Status, Phone Port Status
- System Settings Back-Up/Restore in XML

Security

- Local Access Interface: IVR Password
- Remote Access Interface: User Name and Password Access via HTTP, TFTP—HTTPS
- Device Web Page Standard: HTTP v1.1, XML v1.0
- Secure Remote Provisioning: HTTP, HTTPS
- 802.1X authentication and EAPOL media encryption via SRTP
- Transport layer security (TLS) support
- Support for URL syntax with password for boot server address

Power

- Built-in auto sensing IEEE 802.3af
- Power over Ethernet (Class 0)
- External Universal AC/DC Adapter (optional) 5VDC @ 3A (15W)

Polycom OBi2182 comes with:

- Console
- Desk Stand/Wall Mount Bracket
- Handset with handset cord
- Network (LAN) Cable—CAT-5E
- Power Supply
- Quick Start Guide

Shipping box size

- 12.5" x 8.5" x 3.5"

Shipping weight

- 3.15 lb

Master carton quantity

- Ten (10)

Warranty

- One (1) year

¹ Most 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.

² Available in future UC Software release

³ Planned compliance and localization

Learn more

Visit www.polycom.com/voip to learn more about our VoIP products.

About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com

Polycom Asia Pacific Pte Ltd
+65 6389 9200
www.polycom.com.sg

Polycom EMEA
+44 (0)1753 723282
www.polycom.co.uk

