

IP Phone



Main features

- Three SIP lines
- Display with 132x64 pixels
- Opus codec support
- 5-way conferencing
- Bridge mode support*
- Support for 1000 contacts in the phonebook
- PoE (Power over Ethernet) support
- Gigabit Ethernet network interface 10/100/1000 Mbps
- Allows synchronization of date and time using SNTP

Applications

- Companies and industries
- Houses and condominiums
- Call Centers

* Uses the door as a bridge between connections, like a switch.

Overview

Developed to replace traditional desktop terminals, the Khomp K2 IP phone offers excellent HD voice quality, along with a clean and technological design. It works in conjunction with communication platforms and provides a range of conveniences for the user's daily activities. It features exclusive voice processing technology, allowing for clear calls and fluid communication. It includes a contact list with support for both business and personal agendas, making it easier to search for contact numbers. It supports functions such as call transfer, conference calls with up to 5 participants, speed dialing, voicemail, do not disturb, among others.

IP phones make calls over internet networks, receiving voice and data and promoting integration between the two networks. This structure gives the K2 phone a number of advantages over traditional systems, including reduced telephony expenses.

Technical specifications

Front display

- 132x64 pixel graphic display
- Supports multiple languages

Web Interface languages

- Portuguese, Spanish and English

Line

- 3 SIP lines with status indicator

Function keyboard

- 4 programmable keys (softkeys)
- 5 navigation keys and C key
- Volume adjustment, speakerphone, mute, headset, message box, hold, redial, conference and transfer

Voice

- HD Voice: HD Codec/Handset/Speaker (Full-duplex)
- Supports RJ9 headset
- Possibility of operation via handset and speakerphone
- 9-level volume adjustment

Protocols

- SIPv1 (RFC 2543) and SIPv2 (RFC 3261) protocols
- Network protocol: HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q/P, IEEE 802.1x
- 802.3at protocol (PoE)
- Supports IPv4 and IPv6
- Security: HTTPS, TLS and SRTP

Service Quality

- TOS, AEC, PLC, AJB, Jiffer Buffer, VAD, CNG, G.168 (32ms)
- In-band and out-of-band DTMF

Voice decoding

- Codecs: G.723.1, G.729 A/B, G.711 A/U, G.722, iLBC, G.726-32, Opus

Network

- IP Assignment: Static IP, DHCP, PPPoE
- DNS Client, VPN (L2TP), VLAN/QoS

Applications

- Public phonebook, private phonebook, XML phonebook for up to 1000 users and LDAPS

Assembly

- For surface mounting
- Has support for wall mounting

Call processing

- Always Forward, Busy Forward, No Answer Forward
- Direct Line (Immediately/Delayed)
- Call Waiting, Call Queue, Line Switching
- Call Forward, Call Transfer, Call Hold, Call Attention, Call Back
- One-Key Dialing, Redial (RD)
- Speed Dial Directly from Phone, Direct Dial from Call Log
- 5-Way Conferencing, SIP MESSAGE (Instant Message)
- DnD, Blacklist
- Voicemail, Voice Prompt, Voice Message

Security

- Password registration to access the settings
- Signaling and media encoding

Management

- Update: HTTP/TFTP/FTP Auto Provisioning/TR069
- Settings: Phone/Web/Auto Provisioning/TR069
- Debug: Phone/Web

Phonebook

- Supports registration of up to 1000 contacts

Physical/Environmental

- Power adapter:
 - Input: 100–240 VAC
 - Output: 5 VDC, 1 A
- 2 x RJ45 gigabit Ethernet 10/100/1000 Mbps (LAN/PC)
- 2 x RJ9 (handset/headset)
- PoE: IEEE 802.3af (class 0)
 - Average power consumption: 1.5 W
- Storage temperature: 0°C to 60°C
- Operating humidity: 10% to 95%
- Dimensions: 185x185x40 mm
- Shipping box dimensions: 230x205x60 mm
- Gross weight: 920 g
- Net weight: 700 g

Warranties and certifications

- Full warranty (legal + Khomp warranty): 1 year
 - Legal warranty: 90 days
 - Khomp warranty: 9 months
- ISO 9001 certified industry
- Anatel certification



Note

TR-069 is enabled on all versions.

Appearance and functionality



Caption:

1. Display.
2. Call alert LED.
3. Line keys.
4. Programmable function keys.
5. Voicemail and headset keys.
6. Navigation keys and OK button.
7. Mute key / C key.
8. Conference, Redial, Transfer, and Hold buttons.
9. Speakerphone.
10. Dialing keypad.
11. Volume adjustment.
12. Speaker.

Other product images

