

IP telephone



Main characteristics

- Two SIP lines
- 128x64 pixels and 59x22 mm display
- Opus codec support
- Support 1000 contacts in the phonebook
- Allows date and time synchronization using SNTP

Applications

- Companies and industries
- Houses and condominiums
- Call Centers

Overview

Designed to replace traditional desktop terminals, the Khomp K1 family IP phone features excellent HD voice quality and a clean, technological design.

It works together with communication platforms and allows a series of facilities for the user's day to day life. It has unique voice processing technology, allowing clear voice calls and fluid communication. Presents a contact list with support for a commercial and private phonebook, making it easy to search for contact numbers. It supports transfer, conference up to 3 participants, speed dial, voice messages, do not disturb, and many other functions.

The IP phones make calls from the Internet networks, receiving voice and data, and promoting integration between the two networks. This structure gives the K1 line a series of advantages over the common system, including the reduction of telephony expenses.

Technical specifications

Front Display

- 128x64 pixel graphic display
- Screen size: 5.9x2,2 cm
- Supports multiple languages

Web Interface Languages

- Portuguese, Spanish and English

Line

- 2 SIP lines with status indicator

Functional keypad

- 4 programmable keys (via software)
- 5 navigation keys (directional buttons, C button)
- Volume adjustment, hands-free, mute, headset, message box, hold, redial, conference and transfer

Voice

- HD Voice: HD Codec/Handset/Speaker (Full-duplex)
- Supports headset RJ9 (4P4C)
- Handset and hands-free operation possible
- 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
- Support 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 Decodification

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

Network

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

Applications

- Public, private and XML telephone directory for up to 1000 users

Assembly

- For surface mounting
- It does not have a wall mounting bracket

Call Handling

- Forward always, busy forwarding, unanswered forwarding
- Direct line (immediate/delay)
- Call waiting, call queuing, line switching
- Call forward, call transfer, call hold, call attention, call back
- One-key dialing, redialing (RD)
- Speed dial directly from the phone, direct dial from the call log
- 3-way conference, SIP MESSAGE (Instant Message)
- DnD, blacklist
- Voice mail, voice prompt, voice message

Security

- Password registration to access the settings
- Signage and Media Coding

Management

- Update: HTTP/TFTP/FTP Self-provisioning/TR069
- Settings: Phone/Web/ Auto provision/TR069
- Debugging: Phone/Web

Phonebook

- Supports the registration of up to 1000 contacts

Physical/Environmental

- Power Adapter:
 - Input: 100–240 VAC
 - Output: 5 VCC, 1 A
- 2 x RJ45 Fast Ethernet 10/100 Mbps (LAN/PC)
- 2 x RJ9 (handset/headset)
- Storage temperature: 0 °C to 60 °C
- Operating humidity: 10% to 95%
- Size: 213x157x39 mm
- Approximate weight: 630 g

Warranties and certifications

- Complete warranty (legal + Khomp warranty): 1 year
 - Legal warranty: 90 days
 - Khomp warranty: 9 months
- Industry certification ISO 9001
- Anatel certification



Note

TR-069 is enabled in the following kernels:

- K1: Compatible with Kernel versions 1.0.0 and 3.0.0.

Appearance and functionality



Legend:

- 1. Display screen.
- 2. Line keys.
- 3. Programmable function keys.
- 4. Navigation keys, Headset, and Volume adjustment.
- 5. Mute key / C key.
- 6. REDIAL
- 7. Speakerphone.
- 8. Microphone
- 9. Dial pad.
- 10. Speaker.

Other product images

