

IP Phone Series



Main features

- Two lines
- 128 x 64 pixels and 5,9 x 2,2 cm display
- Headset connection
- HD Voice
- Available with power supply via Ethernet (PoE)
- 8 BLF memory keys
- Possibility of buying with BNDES

applications

- Companies and industries
- Houses and condominiums
- Call Centers

Overview

Developed to substitute traditional desktop terminals, the Khomp IPS - IP Phone Series line of IP telephones have excellent HD voice quality, in addition to a clean technological design. Working in conjunction with communication platforms, they provide the day-to-day user with a series of facilities, such as: exclusive voice processing technology that provides clear voice calls and more fluent communication, a contacts list with the support of business and personal telephone directories for facilitating search for telephone numbers, call transferring, conference calling with up to 3 participants, speed dialing, voice messages, and do not disturb function, among countless others.

IP telephones make calls through Internet networks, receive voice and data and provide integration between the two networks. This structure gives the IPS line a number of advantages over common systems, including reduction in telephone expenses.

In addition to these advantages, the IPS 108 has 8 BLF memory keys (Busy Lamp Field), which assist in managing calls in everyday life.

Models

- **IPS 108 - N**
- **IPS 108 - PN** (with PoE support)

Technical specifications

Screen

- 128 x 64 pixels graphic display
- Screen size: 5,9 x 2,2 cm
- Supports various languages

Interface Web language

- Brazilian portuguese, spanish and english

Line

- 2 SIP lines with status indicator

Function keypad

- 8 BLF memory buttons (via software)
- 4 programmable buttons (via software)
- 2 line keys
- 5 navigation keys (cursor button, C button)
- Volume control, hands free, sound suppression (mute), headset, message box, call hold, redial, conference and transfer

Voice

- HD voice HD Codec/Handset/Speaker (Full-duplex)
- Handset, headphone and hands free available
- Supports RJ9 headset (4P4C)
- Separate 9-level volume control

Protocols

- VoIP: Protocol SIP 2.0
- Network protocol: HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q/P

Service quality

- TOS, Jitter Buffer, VAD, CNG, G.168 (32 ms)

Voice decodification

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

Network

- Two ports RJ45 10/100M Ethernet Interfaces (LAN/PC)
- IP attribution: Static IP, DHCP, PPPoE
- DNS, VPN (L2TP), VLAN/QoS client

Applications

- Public and personal telephone directory available in XML for up to 300 users
- Adjustable wall support

Call processing

- Line status indicator
- Forward all calls, forward calls when busy, forward calls when not answered
- Direct line (immediate/delayed)
- Call waiting, call queuing, line commutation
- Call forwarding, call transferring, call holding, warning call, call return
- One-touch speed dial, redialing
- Speed dialing direct from telephone, direct dialing from call register
- 3-Way conference calling, Instant Messaging
- DnD, Black list
- Voice mail, voice command, voice message

Security

- Login via display and web portal with password
- Codification of signaling and media

Management

- Updating: HTTP/TFTP/FTP Auto-provision/TR069
- Configurations: Telephone/Web/ Auto-provision/TR069
- Debugging: Telnet/Telephone/Web

Power source

- Power adapter:
- Input CA 100–240 V and output CC 5 V / 1 A
- PoE (IEEE 802.af) – Available on IPS 108 - PN model

Especificações

- Storage temperature: 0°C ~ 60 °C
- Operating humidity: 10–95%
- Size: 213 x 157 x 39 mm
- Net weight: 665 g

Warranties and certifications

- Total warranty (legal + Khomp warranty): 1 year
 - Legal warranty: 90 days
 - Khomp warranty: 9 months
- Anatel (Brazilian National Telecommunications Agency)
- ISO 9001 certified industry



Note

TR-069 is enabled in the following kernels:

- IPS 102: Compatible with Kernel versions 1.0.0 and 3.0.0.
- IPS 108: Compatible with Kernel versions 1.0.0 and 3.0.0.
- IPS 200 GPN: Compatible with all available versions.

Appearance and functionality



Subtitle:

1. Programmable keypad (BLF or telephone list).
2. Display screen.
3. Line selection.
4. Menu keys.
5. Navigation keys (up and down), with button/mute and redial.
6. Volume control and navigation keys (left and right).
7. Number keypad.
8. Hands free (press for 5 seconds to activate the headset).

Product image

