

IP Phone Series



Main features

- 2 SIP lines
- 128 x 64 pixels and 5,9 x 2,2 cm display
- Headset support
- Available with PoE (Power over Ethernet)

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.

Models

- **IPS 102 - N**
- **IPS 102 - PN** (with PoE support)

Technical specifications

Front display

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

Web Interface language

- Portuguese, spanish and english

Lines

- 2 SIP lines with status indicator

Function keypad

- 4 programmable keys (via software)
- 5 navigation keys (cursor button, C button)
- Volume control, hands free, sound suppression (mute), headphone, message box, call hold, redial, conference and transfer

Voice

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

Protocols

- VoIP: Protocol SIP 2.0
- Network protocol: HTTP, BOOTP, FTP, TFTP, IEEE 802.1Q/P
- Security: HTTPS, TLS and SRTP

Quality of Service

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

Voice decodification

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

Network

- 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

Assembly

- The telephone must be mounted and used under the table
- Wall mounting is not supported

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: telephone/Web

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 (handphone/headset)
- PoE (available only IPS 102-PN): IEEE 802.3af
- Storage temperature: 0 °C to 60 °C
- Operating humidity: 10% to 95%
- Dimensions: 213x157x39 mm
- Approximate weight: 630 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

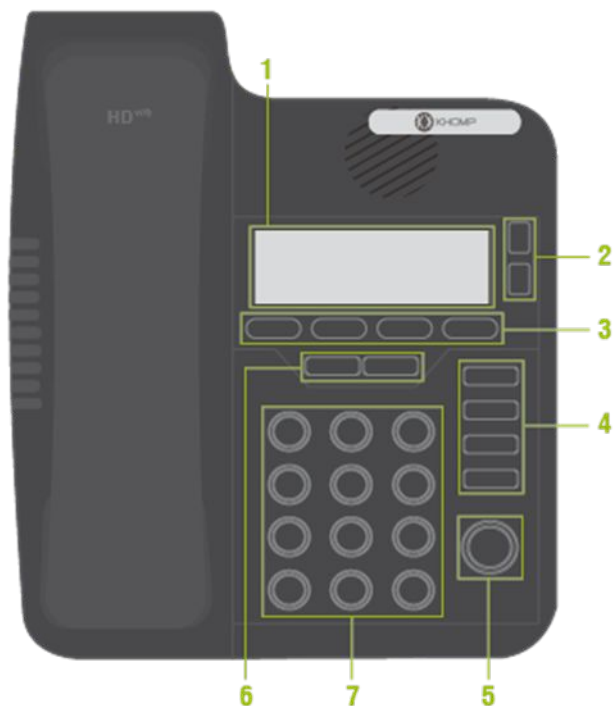


Note

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

Product image

