

# IP-SIP Panphone Series 4 (Full-Duplex)

## Antivandal IP-SIP Intercom with CSIP Card



**Antivandal Intercom for standard IP-SIP extension, with quality audio and full-duplex communication, high resistance and durability with piezoelectric switches. For outdoor or indoor use.**

It allows automatic dialing to an IP-SIP PBX's extension by touching the call button or dialing on the keyboard.

The **IP-SIP Panphones** Series 4 (Full-duplex) are fully POE with enhanced audio characteristics like: high-quality audio, full duplex communication, echo canceller, ambient noise reduction, and more.

It allows up to **5 independent SIP accounts** and it is possible to select among multiple codecs (g.722, g.726, g.729, g.711a/u, GSM and OPUS that allows bandwidth adjustment).

Now available versions with **Color Camera** that allows video calls and versions with **Card Reader** to facilitate access or ID.

### Available Versions:

- ✓ Surface or Flush mount
- ✓ Numeric Keypad or One Button
- ✓ With IP Color Camera
- ✓ With Card Reader
- ✓ With Camera & Card Reader

It has activation relays (door opening) for remote use or in the same device with a dial PIN code (keypad version), proximity card or QR code (camera version), for which schedules and time can be set.

It also includes the ability to connect to external devices (biometric readers, proximity, etc.) and manage I/O inputs and outputs for LEDs, indicators and other devices. It is possible to attach it an optional **OPTO Card** that includes additionally 4 digital inputs and 1 relay output.

Thanks to its IP55 casing and installation versatility, it facilitates its use in outdoors or hygienic environments that requires constant cleaning. Additionally, it facilitates maintenance work since it allows remote management and testing with public IP or through VPN.

They can be integrated with other external platforms through connection to databases, communication protocols and/or remote management or through APIs for special projects.

### It operates with standard IP-SIP PBX

It operates with Asterisk IP PBXs and IP-SIP PBXs like Alcatel, Avaya, Cisco, Elastix, Epygi, Denwa, Matrix, Nec, Panasonic, Siemens, Hiper PBX, Xorcom, Yeastar y Zycoo, among others.



**Ciser System**  
smart communications



**Surface**  
187x104x32mm

**Flush Mount**  
Exterior 217,41x128,8x8,6mm  
Interior 180x91,40x30mm

### Applications:

- Centralized access control for multiple corporate locations or access doors.
- Unattended gatehouses or guardhouses.
- Hospital environment, accesses, operating rooms, etc.
- Assistance zones in buildings and hotels.
- Parking barriers and Tollgates.
- Elevators.
- Roadside Emergency Callers (SOS points).
- Public Transport Stations.
- Non attended Fuel stations, self-service.
- Healthcare and geriatric environments.
- Systems of accessibility for people with disabilities.
- Intercom in prisons.
- Vending Machines.
- Tourist rental.
- PA Systems.

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## General Features of IP-SIP Panphone (Series 4 & Security) full-duplex with CSIP Card

Handsfree Intercom with automatic hang up and hook off	Yes	OPTO expansion card with 4 additional Inputs and 1 Relay Output	Available (Optional)
Antivandal	Yes	Door opening/activation of relays remotely with PIN code dialing from any extension or external telephone.	Yes
Resistance Grade	IP 55	Door opening/relay activation locally by PIN code dialing (keypad version), RFID (reader version) and QR code (camera version)	Yes
Ethernet Port	1	Programming of relay activation times and periods for PIN numeric codes, RFID and QR	Yes
Voice Connection	Standard IP-SIP Extension	Maximum number of users PIN, RFID or QR	250
Voice Connection IP-SIP accounts	5 independent accounts	Cabling	UTP + Power source DC (If POE is not used)
Supported Codecs	OPUS, g.722, g.726, g.729, g.711a, g.711u y GSM	Power source	POE and/or 12V DC
Works with IP PBX with Asterisk.	Yes	Individual Power adaptor 12V DC 1.8 Amp.	Included
Proven proper operation with PBX like Alcatel, Avaya, Cisco, Elastix, Epygi, Denwa, Matrix, Nec, Panasonic, Siemens, Hiper PBX, Xorcom, Yeastar and Zycoo.	Yes	Admits POE 802.3 AF	Yes
Full-Duplex Audio Communication	Yes	DHCP support	Yes
Echo Cancellation	Yes	Supports operation via VPN (OpenVPN)	Yes
Ambient Noise Reduction	Yes	Sending emails via internal or external SMTP server	Yes
Speaker Power	1W	TLS Encryption	Yes
Automatic call to extension from Call button	Yes	NTP Time Server	Yes
Automatic dialing to extension list in case of no answer	Yes	Administration, local and remote configuration via web interface and SMNP, either by Public IP or via VPN	Yes
White call lists (10 numbers allowed)	Yes	Remote verification of operation by IP connection and audio test of microphone and speaker	Yes
Call status voice messages (Door open, call in progress, close the door and others) in Spanish and English.	Yes	Traffic Log Management and accesses, exportable to .xls, .csv and .pdf	Yes
Independent dry contact relays, ideal for connecting electrical-activation doors or external devices (card readers, fingerprint readers, etc.). Controllable for normally open or closed..	2	Notification of I/O Events per SIP call	(Optional)
Inputs for external push buttons or sensors.	1	RS-485 y MODBUS (Scada) Protocols	Yes
Wiegand Ports (Proximity Card Readers & biometric)	1	Integration with external platforms through APIs or connection to external databases	Yes
LED outputs for indicators (Waiting, Call, Communication, etc.)	1		

Versions	IP-SIP Full-duplex				IP-SIP Full-duplex (with Color Camera)				IP-SIP Full-duplex (with Card Reader)				IP-SIP Full-duplex (with Color Camera with Card Reader)				IP-SIP Security Full-duplex
	4510	4520	4530	4540	4511	4521	4531	4541	4512	4522	4532	4542	4513	4523	4533	4543	5530
Format	Surface		Flush mount		Surface		Flush mount		Surface		Flush mount		Surface		Flush mount		Flush mount
Piezoelectric Button or numeric Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button	Keypad	1 Button
Door opening by code dialing	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dial to specific extension	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
10 number memory for Speed Dial	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dimensions (HxWxD) mm	187x104x32		Exterior 217,41x128,8x8,6 Interior 180x91,40x30		187x104x32		Exterior 217,41x128,8x8,6 Interior 180x91,40x30		187x104x32		Exterior 217,41x128,8x8,6 Interior 180x91,40x30		187x104x32		Exterior 217,41x128,8x8,6 Interior 180x91,40x30		Exterior 217,41x128,8x8,6 Interior 180x91,40x30
Color Camera	No				Yes				No				Yes				No
Card Reader	No				No				Yes				Yes				No
QR Support	No				Yes				No				Yes				No
Videocall support	No				Yes				No				Yes				No
Video Streaming	No				Yes				No				Yes				No