CSIP & CSIP 4G/LTE Card

Full-duplex Intercom Card
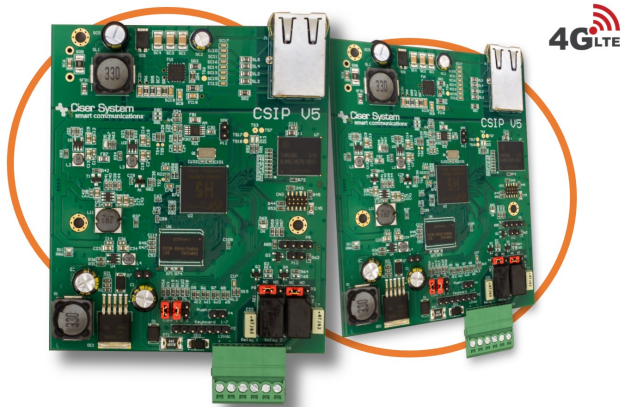
Ciser System
smart communications

Available Versions:

- ✓ IP-SIP
- ✓ IP-SIP & 4G/LTE

Intercom Card for standard IP-SIP extension, with quality audio and full duplex communication

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

The "IP-SIP only" or "IP-SIP plus 4G/LTE" communication versions are available with the possibility of connecting via IP and/or via the 4G/LTE mobile network, respectively.

The CSIP and CSIP 4G/LTE Cards 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).

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

It has specific pin connectors for external devices such as keyboard, pushbutton, loudspeaker and proximity card reader.

Allows the connection of an IP camera to be used in IP video calls or for connection to centralized or remote video surveillance systems.

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.

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.

Personalization and integration

Any customization is possible, since the integrated PCB card allows installation in any preferred device, box, or structure, allowing its use in multiple applications and projects. It can be a component within a set of more complex systems.

It can be used to develop products or manufacture solutions using the branding of the integrator.

It operates with standard IP-SIP PBX

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

Applications :

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

RoHS COMPLIANT   CE

General Features of CSIP & CSIP 4G/LTE

Handsfree Intercom with automatic hang up and hook off	Yes	Wiegand Ports (Proximity Card Readers & biometric)	1
Voice Connection	Standard IP-SIP Extension	LED outputs for indicators (Waiting, Call, Communication, etc.)	1
Voice Connection IP-SIP accounts	5 independent accounts	OPTO expansion card with 4 additional Inputs and 1 Relay Output	Available (Optional)
Supported Codecs	OPUS, g.722, g.726, g.729, g.711a, g.711u y GSM	Door opening/activation of relays remotely with PIN code dialing from any extension or external telephone.	Yes
Physical format	PCB Card	Door opening/relay activation locally by PIN code dialing (keypad version), RFID (reader version) and QR code (camera version)	Yes
Works with IP PBX with Asterisk.	Yes		
Proven proper operation with PBX like Alcaltel, Avaya, Cisco, Elastix, Epygi, Denwa, Matrix, Nec, Panasonic, Siemens, Hiper PBX, Xorcom, Yeastar and Zycoo.	Yes	Programming of relay activation times and periods for PIN numeric codes, RFID and QR	Yes
Full-Duplex Audio Communication	Yes	Maximum number of users PIN, RFID or QR	250
Echo Cancellation	Yes	Cabling	UTP + Power source DC (If POE is not used)
Ambient Noise Reduction	Yes		
Speaker Power	1W (Included)	Power source	POE and/or 12V DC
Microphone	Yes (Included)	Individual Power adaptor 12V DC 1.8 Amp.	Included
Automatic call to extension from Call button	Yes, with external push button	Admits POE 802.3 AF	Yes
Automatic call to specific extension	Yes, with external Keyboard	DHCP support	Yes
Automatic dialing to extension list in case of no answer	Yes	Supports operation via VPN (OpenVPN)	Yes
White call lists (10 numbers allowed)	Yes	Sending emails via internal or external SMTP server	Yes
Speed Dial Memory	Up to 10 numbers, with external Keyboard	TLS Encryption	Yes
Call status messages (Door open, call in progress, close door and others) in Spanish and English	Yes	NTP Time Server	Yes
		Administration, local and remote configuration via web interface and SMNP, either by Public IP or via VPN	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	Remote verification of operation by IP connection and audio test of microphone and speaker	Yes
Inputs for external push buttons or sensors.	1	Traffic Log Management and accesses, exportable to .xls, .csv and .pdf	Yes
Connector for call button	Yes	Notification of I/O Events per SIP call	(Optional)
Connector for Keyboard	Yes	RS-485 y MODBUS (Scada) Protocols	Yes
Connector for Proximity Card Reader	Yes	Integration with external platforms through APIs or connection to external databases	Yes
Connection port for IP Camera	Yes		
Video Call support	Yes, with external IP camera	Operating/storage temperature (°C)	40°-55°/40°-70°
Connector RS-485	Yes		

Versions	IP-SIP Full-Duplex Card	IP-SIP & 4G/LTE Card
Reference	CSIP	CSIP-4G/LTE
Communication Protocol	IP	IP and/or 4G/LTE
Communication by Mobile Network	No	Yes, 2G/3G/4G
Frequency Bands LTE-TDD,LTE-FDD, UMTS/HSPA+, GSM/GPRS/EDGE 850/900/1800/1900MHz	No	Yes
Dimensions (HxWxD) mm	119x 85x 16,9 mm	119x 85x 18,5 mm