

Data over IP: IPSocket

IPSocket devices cover a wide range of solutions, whether they be proprietary products or custom development, which **control outputs, inputs and sensors monitor or communicate with other serial devices over IP networks.** IPSocket is based on the same philosophy as previous product families because it preferably uses standard communication protocols thus facilitating their integration into control systems. The main features of the IPSocket family include:

- Low power consumption.
- Direct SCADA systems integration.
- It can detect the cable broken in the inputs.
- Solid state relays support until 250V.
- Integrated WEB server for configuration and file management .
- Integrated Telnet server for system administration and diagnostic tools.
- Internal clock with Network Time Protocol synchronization.
- Customizable according to client requirements.

IPSocket IO



- PLC using "scripts".
- Programming according to schedule.
- DIN rail format (Module 4).
- 100BT Ethernet.
- Up to six relay outputs.
- Up to six digital inputs.
- Power over Ethernet (PoE).
- Power supply 5V.

IPSocket Serial



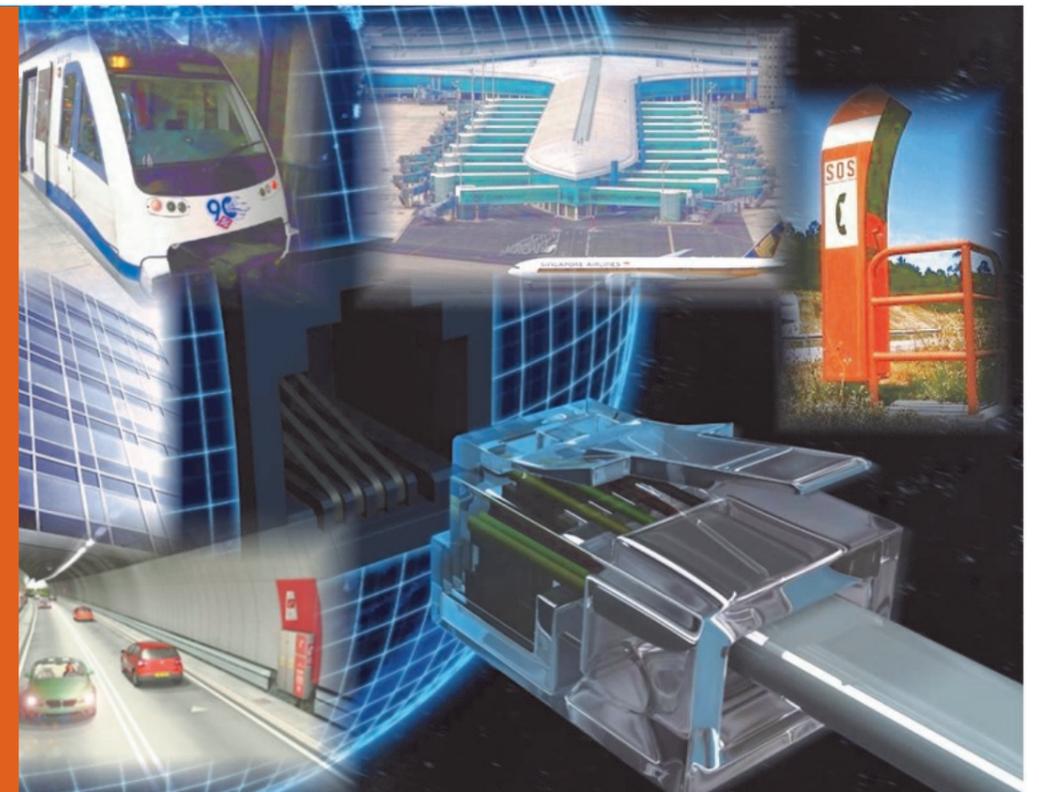
- Small size: 82 x 53x 23 mm.
- 100BT Ethernet.
- An RS232 serial port.
- Second optional RS232 or RS485 port.
- Customizable for the client.

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Connect it to your IP network

ConectaIP

ConectaIP is a R&D Telecommunication Technology company. It is focused on the communication of audio, video, data and signals over IP networks and it has its own platform to connect the physical world to the IP network.

ConectaIP products can be divided into three groups: IP Video Solutions, Voice over IP and converters. In addition the company is always exploring new solutions based on the best available technology.

ConectaIP services offer its customers all its innovation capacity to create custom products and projects, using its own hardware and software technology.

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Video over IP: Videowall Mosaic

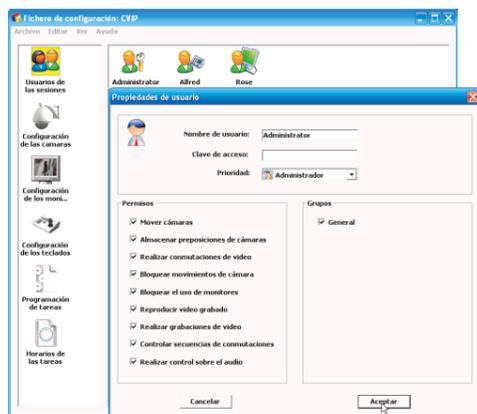
Videowall Mosaic is a solution that enables the display of **IP video** from cameras and VCRs, and other graphic elements in **video walls**. It is a platform that doesn't depend on the camera or recorder manufacturer, it is, therefore ideal for heterogeneous control centers.

Its main advantage is its ability to handle the video windows in a 3D scene and to make different compositions and presentation effects with graphical elements.

Videowall Mosaic is composed of two elements, the video manager ControlVIP and video display device Televip.

ControlVIP

ControlVIP is an **IP video control system**, which **manages the cameras, encoders and IP recorders**. It is also responsible for managing priorities and permissions from different operators, as well as the integration of video surveillance applications or keyboards from different manufacturers in the security system.



- SOAP interface to control cameras and video displays.
- New cameras, video decoders, video recorders and security keyboards are supported developing new drivers.
- The access to the cameras and the displays is prioritized.
- It has different user permissions and groups to provide access to the cameras, recorders and displays.
- Automatic display of video tours on demand or scheduled.
- A configuration application is available in order to create and modify users, cameras, monitors, recorders, security keyboards, timetables and automatic actions.
- It runs on Windows O.S. as a service, so other services can run on the same machine. For small systems the ControlVIP service could run on the same computer as the user application.

TeleVIP

Televip is a **decoder / IP Video display** capable of presenting video on a monitor of different types of IP streams, live video, recorded video or static images. It also has the ability to insert all kinds of graphic objects such as text, icons, images and move them in a three-dimensional stage, creating rotations and translations. It also offers an interface for integration with other applications.



- SOAP interface to integrate it into third party applications.
- Scalable system.
- It works in stand alone mode or in ControlVIP mode.
- It decodes different video stream codifications: H264, MPEG4, MPEG2, MJPEG, JPEG, ...
- It displays several video objects like clocks, texts, calendars, cameras, ...
- The video objects can be moved on the screen in a 3D scenario.
- Several Televips can perform a Video-Wall and show a full screen window on several monitors.
- Configurable layouts using a Web Browser.
- Firmware upgradeable through Web.

Voice over IP: IPefono

IPefono is a platform for **Intercom, Paging and Telephony** over **IP networks** characterized by its flexibility, simplicity and the use of standard protocols. This allows quick and easy integration into any VoIP network. The main features of the IPefono family include:

- Energy efficiency.
- Inclusion of tools which allow direct integration into third party applications.
- Compatibility with leading IP telephony systems.
- Direct connection to Internet VoIP accounts for long distance communication and access to other telephone networks (GSM, PSTN, ...).
- Automatic verification of the audio circuit.
- Custom audio files stored in its internal storage unit which are played.
- Minimum bandwidth of 16 Kbps.
- Configuration and administration by the internet browser.
- Administration, configuration and diagnostics via remote terminal connection.
- Clock synchronization network.
- Remote adjustment of audio levels.

IPefono Wall Mount



- Reduced depth: 175 x103 x32 mm.
- **Vandal resistant** aluminum format.
- Illuminated call button.
- Integrated **video camera** (optional).
- 100 BT Ethernet.
- Power over Ethernet (optional).
- Two supervised inputs or two outputs.
- Power supply from 5V to 24V.
- IP-65 protection index.
- Flush or surface mount.

IPefono LC



- **Small size:** 82 x 53 x 23 mm.
- One microphone input.
- One speaker output.
- 100 BT Ethernet.
- **Power over Ethernet (PoE).**
- One input for the call push button.
- One relay output for remote control.
- Call progress indicator.
- Power supply 5V.

IPefono High Quality



- **DIN rail module** 4 format.
- One microphone input.
- One audio line input.
- One speaker output.
- **Video camera** (optional).
- 100 BT Ethernet..
- **Switch** with two Ethernet ports.
- One input for the call push button.
- Two supervised inputs or two outputs.
- **RFID card reader.**
- Call progress indicator.
- Power supply from 5V to 24V.

IPefono REC



- **Audio recording.**
- Highly sensitive microphone.
- Microphone amplifier with low noise AGC.
- Flash memory storage.
- 100BT Ethernet.
- Power over Ethernet (PoE).
- Two inputs for recording control.
- An alarm output sound detection.
- Digital signature.
- Power supply from 5V to 24V.
- Flush or surface mount.

IPefono Handset



- **Wall mount intercom with handset.**
- 100 BT Ethernet.
- One call push button.
- One digital input.
- One relay output for remote control.
- Call progress indicator.
- Power supply from 5V to 24V.

IPefono Speaker



- **Paging over IP Networks.**
- Point to point conversation.
- Locutions by zones.
- Pre-recorded messages player when an input is operated.
- 100 BT Ethernet.
- Power Over Ethernet (optional).
- A monitored input.
- Power supply from 5V to 24V.
- Flush or surface wall mount.