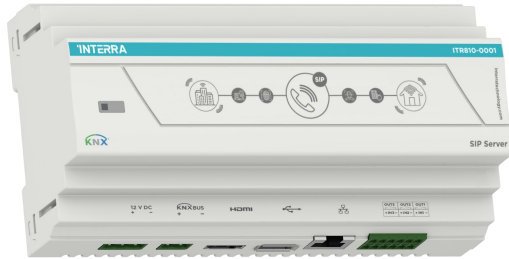


Sip Server



DESCRIPTION

Interra Sip-Server is the main component of an IP PBX and mainly deals with the management of all Sip calls in the network. A Sip server is also referred to as a Sip Proxy or a Registrar.

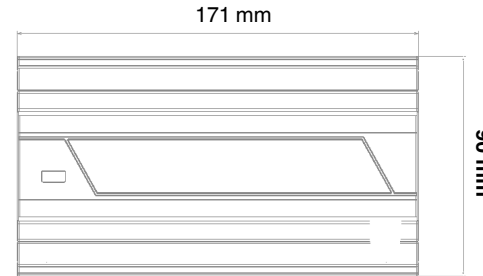
Sip server provides Sip communication between touch panel, outdoor unit, IP phone and like another component in PBX systems.

MAIN FUNCTIONAL CHARACTERISTICS

- Sip-Server supports 100 calls concurrently, 5000 clients and all kinds of SIP Clients (Mobile phones, IP Phones, Intercoms, Touch Panels...etc).
- The Interra Sip server consumes very, very low-power consumption (Nominal less than 3 watts, less than 10 watts maximum).
- There are no fans and moving parts on the Sip -Server.
- Via Web Interface, Sip-Server is easy to configure.
- Interra Sip-Server offers 10 years of lifetime.
- Sip-Server has a default web interface which can be accessed by two ways:
 - a) `http://IP_ADDRESS_OF_SIP-SERVER`
 - b) `http://HOSTNAME_OF_SIP-SERVER`
- The hostname of the Sip-Server is in the following format:


```
i3-last_two_bytes_of_mac_address
```
- Every Sip-Server has a unique mac address. Such as 00:04:25:3A:1A:2B

DIMENSIONS AND CONNECTIONS



12V DC
+ -



VOLTAGE



ETHERNET

Voltage : Interra cloud gateways are powered by a special 3-pin green industrial special connector with 12 V DC voltage. Pin indications are written on the plastic case. The cables of the 12 V power supply must be plugged by the polarity. The reset button on the top cover is used to “Hard Reset” the device manually. This button has an LED indicator and if the system is powered this LED lights on.

Ethernet : Interra cloud gateway has a standard 10/100 Mbps RJ45 Ethernet connector.

MOUNTING AND SAFETY INSTRUCTIONS

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- For planning and construction of electric installations, the appropriate specifications, guidelines and regulations in force of the respective country have to be complied.
- Do not connect the main voltage (230 V AC).
- Do not expose this device to direct sunlight, rain or high humidity.
- Clean the product with a clean, soft, damp cloth.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Installation only in dry locations and on a 35 mm DIN rail (TH 35).
- Accessibility of the device for operation and visual inspection must be provided.

MARKS

CE: The device complies with Electromagnetic Compatibility Directive (2014/30/EU) and Low Voltage Directive (2014/35/EC).

Tests are carried out according to EN IEC 62368-1 :2020 and

EN 50561-1 : 2013 standards.

Product Code	ITR810-0001
Power Supply	12 V - 2 A DC Power Supply
CPU	ARM Cortex A7 Dual-Core 2x1.2 GHz
Memory	1 GB DDR3
Storage	8 GB EMMC
OS	Android
Temperature Range	Operation (-20°C...70°C) Storage (-35°C...100°C)
Network	100 Mbps Ethernet and USB WIFI
RTC	System includes RTC with CR1220 battery
Dimensions	170 x 65 x 90 mm (W x H x D)

