



SENSOLIST



SENSOLIST PSIM/61502TH

Description

The PSIM module is an intelligent control and monitoring device for all security applications. Whose task is to monitor various sensors such as PIR, fire alarm detectors, temperature and humidity sensors, water leakage, as well as alarm systems, fire alarms, peripheral protection systems, and controlling public inputs and outputs such as sirens, flashers, rack door magnets, door locks and so on.

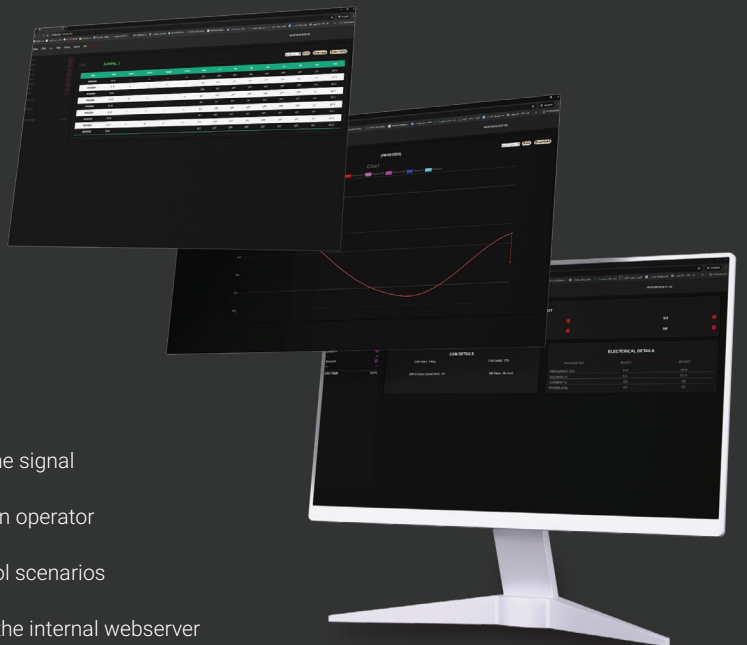
Due to supporting various communication protocols such as Modbus / RTU, Modbus / TCP, and SNMP, there is the ability to integrate and monitor with SENSOLIST PSIM software and the most common software.

This device has a built-in bilingual web server through which all inputs, outputs, and sensor status can be monitored and controlled, as well as various control scenarios can be defined. This product is equipped with a GSM module to support two SIM cards, enabling the system to send performance reports, the status of inputs and outputs, notification of alarm conditions, etc. Another feature of this product is that it is rack-mounted, making its installation very quick and easy.





Features


- Ethernet port for software monitoring
- RS-485 port matches Master / Slave mode
- Ability to monitor rack environmental conditions
- Has RTC (Real-Time Clock) with a backup battery
- Supports 32 devices with Modbus / RTU protocol
- Electrical protection of device inputs against overvoltage
- Microcontroller architecture based on ARM-Cortex M4 chips
- Equipped with GSM external antenna connection port to amplify the signal
- Ability to define scenarios and performance without the need for an operator
- Ability to create scenarios to limit voltage, current and apply control scenarios
- Configuration without the need for desktop software and through the internal webserver





General		
Power Supply	220V 4W	✓
PoE Support	24V	✓
Processor	ARM processor with encryption accelerator	✓
Memory	-	●
Operating System	Embedded RTOS	✓
Master Protocols	Modbus (RTU/TCP)	✓
Slave Protocol	Modbus	✓
Power Metering	2 LINE	✓
Multi Language Web Server	English	✓
Earth fault detection	-	✓
Channels		
Communication Channels	2 RS-485	✓
	Ethernet RJ45 (10/100)	✓
	GSM Module (1SIM)	✓
SNMP	Agent Ver 1, 2C, 3, Trap	✓
Physical		
Power Supply	24 VDC	✓
Packaging	Rack Mounted	✓
	Wall Mounted	●
	DIN-rail Mounts	●
Environmental	-40°C to +70°C, %95-5 RH	✓
Port		
Digital Input	6 input Dry contact	✓
Digital Output	5 Relay 7A 220V	✓
Transistor Output	2 TR	✓
1-Wire Sensors	2 Temp & Hum	✓



INPUT Dry contact



Rack Mount

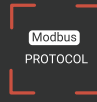

ARM CORTEX M4



WEB Interface



RS-485



1-WIRE UNI



OUTPUT Transistor


Modbus
PROTOCOL ASCII/RTU


SNMP Protocol


LAN


Buffer/Data Logger


GSM Module

