



SENSOLIST

SENSOLIST PSIM/41402TH



Description

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 detector, temperature and humidity sensors, water leakage, alarm systems, fire alarm, and general system such as a siren, Flashers, door magnets, door locks, and so on.

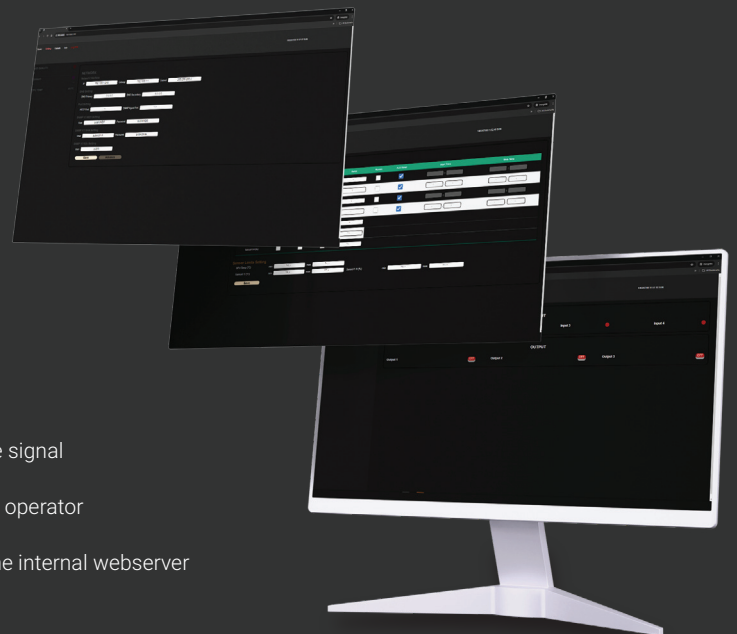
Due to supporting various communication protocols such as Modbus / RTU, Modbus / TCP, SNMP, there is the ability to integrate and monitor with SENSOLIST PSIM software and all common software such as SolarWinds PRTG and OpManager, etc.

This device has a built-in bilingual web server through which it defines all the inputs-outputs and the status of various control scenarios. 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 a wall mount, making its installation very quick and easy.




Features

- Ethernet port for software monitoring
- RS-485 port matches Master / Slave mode
- Supports 32 devices with Modbus / RTU protocol
- Has RTC (Real-Time Clock) with a backup battery
- Ability to turn on automatically after a power outage
- 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
- Configuration without the need for desktop software and through the internal webserver




Technical Specification


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




INPUT Dry contact




Wall Mount




ARM CORTEX M4




WEB Interface




RS-485




1-WIRE UNI




OUTPUT Transistor




ASCII/RTU




SNMP Protocol



LAN



Buffer/Data Logger



GSM Module

