Elitech Digital Solution

SNL-xx

Description

The SNLxx node is designed for monitoring of environmental parameters such as temperature, humidity, and …, and can take remote instruction from user in warning scenario. It is equipped by a LAN port, and an optional backup battery. In this device, data transmission is secured by SNMP-V3 protocol. The value of sensors can be get by "Elidiso EMS Software", as well as every other general software compatible with SNMP-V3. Also, in case of out-of-range parameter it will send a real-time SNMP trap message.

- Smart server room
- Smart home and office
- Smart greenhouses
- Smart aviculture
- Industrial kitchens
- Industrial refrigerator
- Universities, and schools
- Warehouse

Key Features

- ✓ Integrated Ethernet technology
- ✓ Secure data transmission by SNMP-V3
- ✓ Supported authentication types: MD5/SHA
- ✓ Supported encryption types: AES/DES
- ✓ Prevent data interception
- ✓ Compatible with general SNMPV3 software
- ✓ Send warning by trap/ physical siren alarm
- ✓ Embedded web server for device configuration
- ✓ Control devices through Infrared signals by user commands
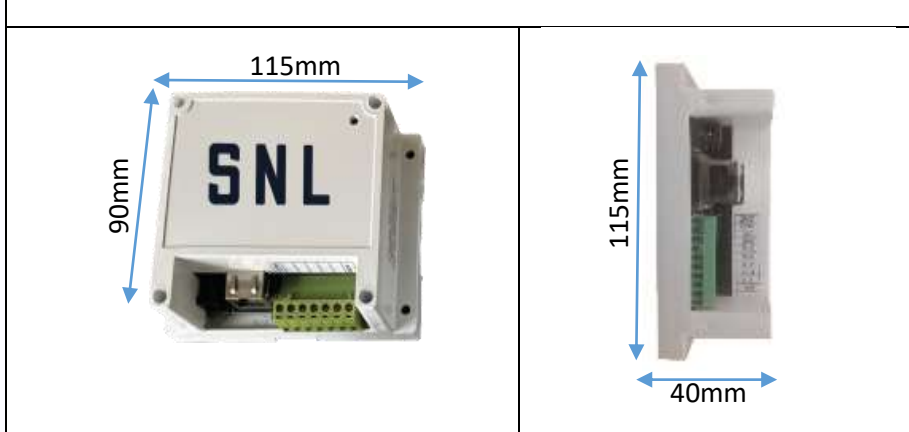- ✓ Equipped by relay output
- ✓ Rail mount package

Supported Sensors

Type	Internal	External
Humidity/Temperature	✓	✓
Water Leakage		✓
Smoke		✓
Ignitable gas (Methan)	✓	✓
Door open/close		✓
Siren Alarm		✓
Infrared transmitter	✓	

Operational Characteristics

Default IP address	192.168.1.254
Dc-input supply	9V-12V DC-1A
Battery	$2 \times 3.7V - 1200mAH$, Lithium Polymer Rechargeable
Internal battery charger	Charge Current 0.5A
Battery Under Voltage Lock Out	$2 \times 2.8V$
Operational temperature	$-30℃\ to\ 70℃$
Operational humidity	$0\ to\ 100\%$
Dimension	$L115 \times W90 \times H40mm$
Weight	$130 \pm 2gr$

Mechanical Dimension

Ordering Code *

SNL	Internal humidity/temperature
SNL-HT	External humidity/temperature
SNL-LW	Water leakage detector
SNL-S	Smoke detector
SNL-D	Door open/close log
SNL-W	Warning Siren alarm
SNL-IR	Infrared controller
SNL-V	Voltage sensor
SNL-A	Current clamp sensor

*In case of need to have multiple sensors in one device, send an Email to *info@elidiso.com*