

SPx-B2016

Sensplorer 16-Port Sensor Hub Module

CLOUD AND MOBILE MONITORING

Sensplorer's MQTT protocol support presents secure, accurate, prompt mobile and cloud based monitoring for sensors and parameters in the field.

SENSOR HUB

The Sensplorer Sensor Hub module provides 16 sensor ports for Sensplorer sensors to connect. Hub Module is communicates with the Sensplorer Base Module via CAN Expansion bus.

The Sensplorer Sensor Hub module also used to reduce cabling from sensors to the Sensplorer Base modules in some installations. Instead of installing many Sensplorer sensor far from base module, it is easier to locate hub module near to sensors and connect the hub module with a single expansion line.

EXPANDABILITY

Sensplorer has a modularly expandable design protecting the current investment. The expansion size depends on the type of Sensplorer base module used



The Sensplorer 16-port Sensor Hub Module adds 16-port capacity of which the Sensplorer sensor modules to connect to the Sensplorer X/M/S system.

The Sensplorer 16-port Sensor Hub Module can also be used for reducing cabling from sensors to the Sensplorer base module.

It is connected to CAN expansion bus of all Sensplorer Base Modules via CAT5 / 6 UTP cable. The module receives its energy via this UTP connection, no separate power supply is required.

The maximum length of CAN bus can be extended up to 200 meters.

The Sensplorer 16-port Sensor Hub Module must be powered with a 12V DC supply. The module provides power to the connected Sensplorer sensor modules.

- Sensor Hub Module extends the number of sensors that can be connected to the Sensplorer X/M/S series monitoring system
- Sensor Hub Module has an internal temperature sensor
- Total number of sensors monitored within an Sensplorer base module is limited with respect to specification of Sensplorer Base Module selected. Using SPx-B2016 extends the sensor monitored with a Sensplorer base module up to its total number of sensor limit.

Technical Specifications

16-port Sensor Hubt Module

Power	: 12V DC , max. 15 W
Working Temp.	: 0 °C / +70 °C
Storage Temp	: -40 °C / +85 °C
Installation	: Wall mount
Dimension (W*L*D)	: 306 x 78 x 44 mm

Temperature Sensor

Measurement range	: 0 °C / +70 °C
Accuracy	: ±1 °C @ 25 °C
Resolution	: 0.01 °C
Meas. duration	: max. 30 seconds

Always monitor your assets wherever you are...

Sample Sensplorer installation with CAN Modules

Sensplorer X/M/S/v3.0 Base Module



CAN Modular Expansion Bus (UTP)



Sensplorer CAN Expansion Modules

- 16-port Sensor Hub
- GSM Modem
- Temperature & Humidity
- Flooding / Water Leak
- 2-Port Dry Contact
- 16-Port Dry Contact
- 3-Phase Voltage
- 8-port Relay
- RS-485 Modbus RTU
- RS-232 Modbus TRU
- 12-port Digital Input
- AC Fuse Monitoring

SENSPLORER ALWAYS LETS YOU KNOW WHAT'S GOING ON

Sensplorer sends message to the assigned people to let them know a status change occurred

Users can request the current state of sensors whenever they want to know

All these assignments are completely customizable and easy to use

GOING GREEN

Sensplorer helps you to run an environmentally conscious operation



Please let us know about your requests, questions, comments and suggestions...

www.sensplorer.com

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