SPx-I2002

Sensplorer RS-485 Interface Module

Sensplorer RS-232/RS-485 serial modules are used to enable the Sensplorer Base Module to monitor devices (UPS, Presicion air conditioners, diesel generators, power analysers, electricity meters, ... any device with serial communication option)
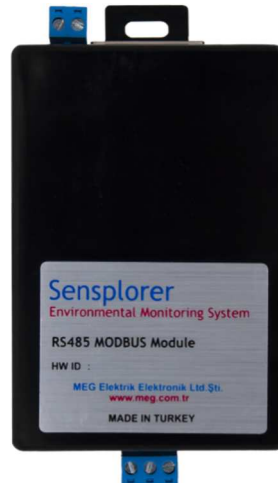
A UNIQUE NAME, CONFIGURATION AND "IF THIS THEN THAT" RULE CAN BE SEPERATELY ASSIGNED FOR EACH INDIVIDUAL SENSOR

Sensplorer's flexible , modern and user-friendly software gives you the freedom to use it any way you want. No design or system limitations

EXPANDABILITY

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

www.sensplorer.com

- **Enables devices with serial interface to be monitored by the Sensplorer X/M/S Environment Monitorring System**
- **Provides single interface to the serial devices regardless of the communication's hardware and protocol layer**
- **Eliminates RS-232 and RS-485 limitations and converter requirements**
- **Makes all parameters of the device can be monitored and updated from the TCP/IP world**
- ***Makes serial devices as IOT ready !***

Sensplorer RS-232 / RS-485 Interface Modules are the crucial expansion module of the Sensplorer X/M/S product family.

Sensplorer RS-232 / RS-485 Interface Module is connected to the Sensplorer X/M/S base modules over the CAN expansion bus. On the other site, module's serial interface communicates with the device to be monitored by the Sensplorer system.

Sensplorer RS-232 and RS485 Serial Interface modules carry any device with serial interface to the TCP/IP network.

Sensplorer RS-232 and RS485 Serial Interface modules makes any device with serial interface ready for IOT !

Supporting serial protocols are;

- o **Modbus RTU**
- o **Modbus ASCII**
- o **IEC62056-21**

If one of the monitoring parameter on serial device value goes out of the range defined by the system admininistrator;

- *Users sensor assigned, "if defined", receive e-mail, SMS, phone call*
- *Sensplorer dashboard shows the status change on dashboard*
- *SNMP / Syslog servers ,"if defined", receives the traps/messages*
- *SCADA or BMS systems, ,"if defined", receives the traps/messages*
- *Sensplorer runs the specific rule(s) defined in case of this particular event*
- *All events and sensor's values are stored in the sensor history database for logging or reporting purpose in the future*

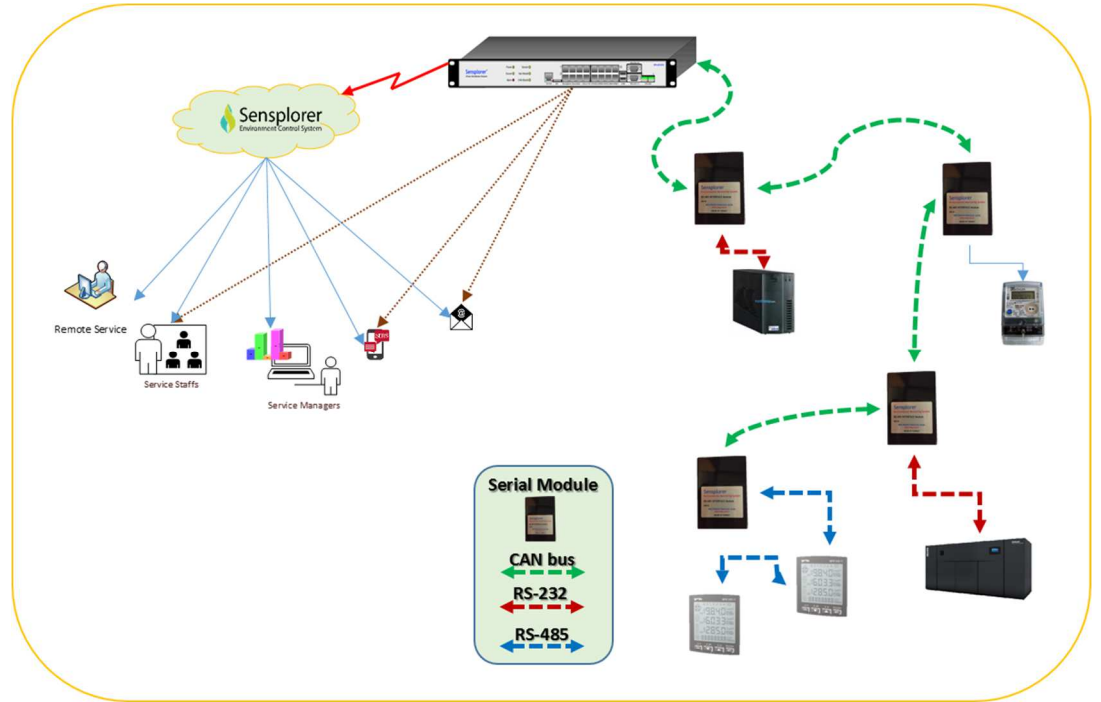## Technical Specifications

RS-485 Interface Module

Power	: 12V DC , max. 1 W
Working Temp.	: 0 °C / +70 °C
Storage Temp	: -40 °C / +85 °C
Installation	: DIN/Wall Mount
Dimension (W*L*D)	: 158 x 86 x 60 mm

RS-485 Port

Port	: A,B,GND
Baud Rate :	9600, 19200 bps
Parity	: No, Even, Odd
Stopbit	: 0, 1

Sample Sensplorer installation with Serial CAN Modules

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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