

Easy Modbus Data Logger

EasyLog is a data logger that allows interfacing with all ModBus RTU and TCP devices in a simple way without needing any programming skills. Thanks to memorized devices profiles, the choice of registers and variables is immediate and consequently it saves installation time without running the risk of having compatibility problems.

Configuration is done through a WEB interface that allows quick access to all system parameters, ModBus registers and variables to be stored. Thanks to the integrated Wi-Fi interface, the configuration is easily possible even from a mobile phone or a Tablet.

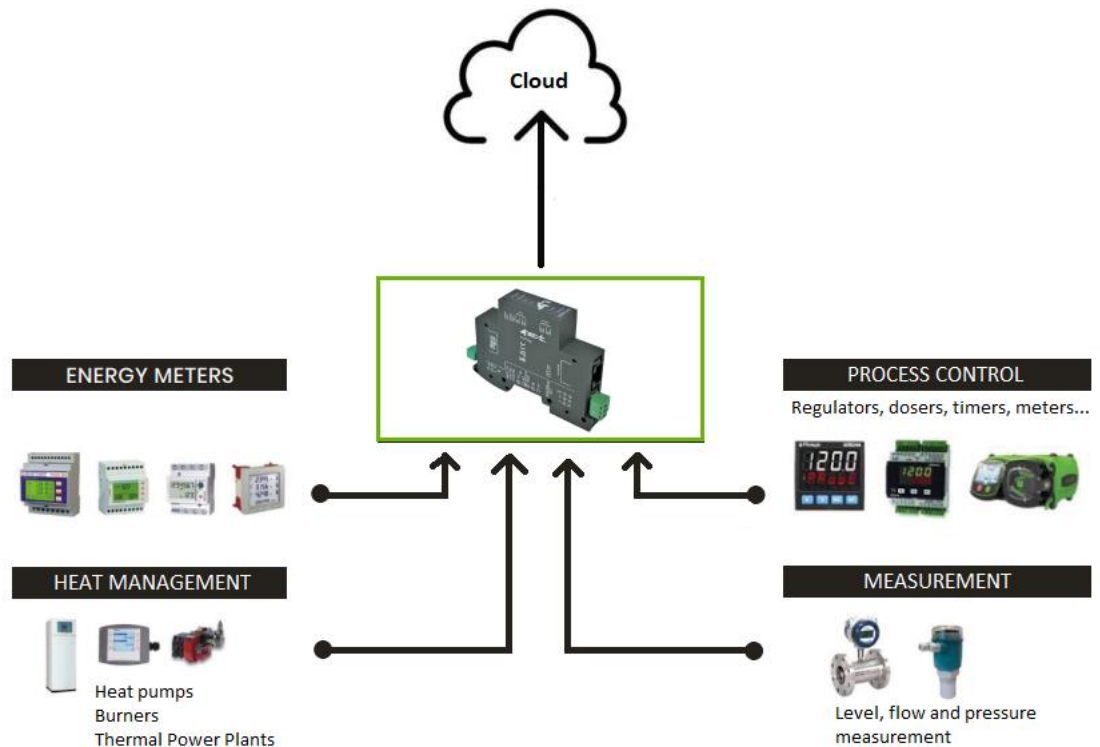
Data are stored in a removable SD memory as CSV file that can be easily imported from any software including Excel, Databases etc...

It is possible to send data automatically by e-mail, FTP or JSON and MQTT protocols if connected to the internet or via the optional 4G modem.



Applications

EasyLog is dedicated to real-time recording and data analysis. Using the 4G modem or Ethernet connection, EasyLog sends data to users (e-Mail and FTP) or remote servers for management via a portal. The most widespread applications are: **metering** (Energy, Water, Gas), **water treatment**, **renewable**, **industrial** and **process control**, **thermal power** measurements, **agri-food** monitoring



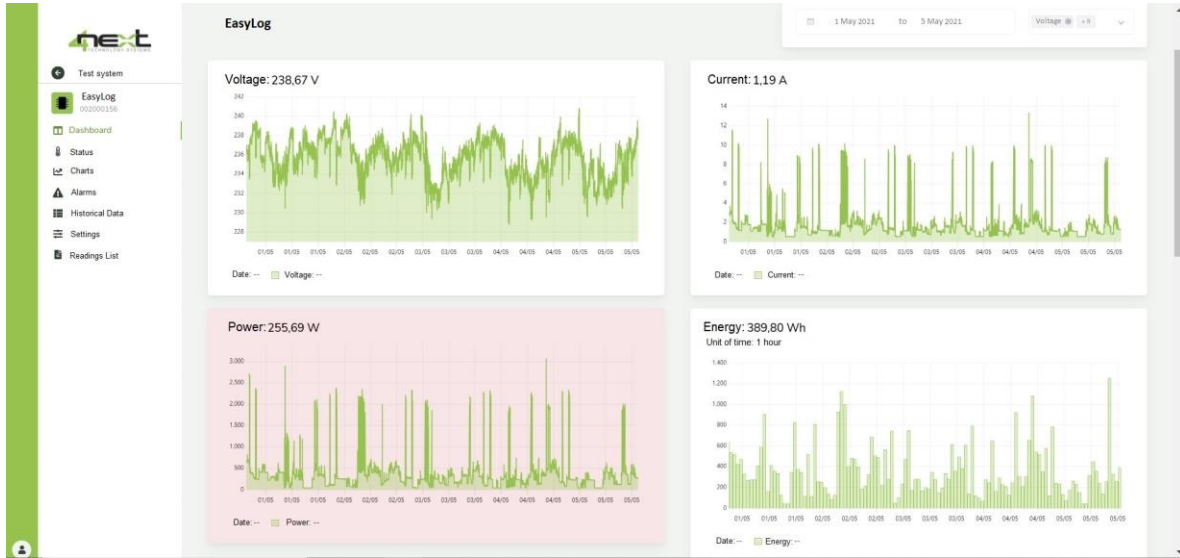
General Features

- 10-100Mb/s Ethernet port
- DIN rail guide attachment (1 module)
- Frontal panel LED signalling
- Size 90x70x65 mm
- Operating temperature -20°C +60°C
- CE Certification (EN 61000-6-2, EN 61000-6-4 Standards)

Electrical Features

- Power supply 10-40 v DC / 19-28 v AC
- Power consumption <: 1,5W
- N. 1 RS485 serial interface (1200÷115200 bps)
- 802.11b/g/n integrated module

Example of data visualization on WEB portal



Alarm page visualization

The screenshot shows the 'Alarms List' page. It includes a welcome message for Gino Cecchetti and a table of alerts. The table has columns for Date, Time, Description, Status, Priority, and Delete. The following table represents the data shown in the screenshot:

Date	Time	Description	Status	Priority	Delete
10/05/2021	02:53:00	Excess power alarm	Open	high	[X]
10/05/2021	00:49:00	Excess power alarm	Completed	high	[X]
09/05/2021	03:59:00	Excess power alarm	Completed	high	[X]
08/05/2021	16:33:00	Excess power alarm	Completed	high	[X]
08/05/2021	01:06:00	Excess power alarm	Completed	high	[X]
07/05/2021	06:40:00	Excess power alarm	Completed	high	[X]
06/05/2021	19:20:00	Excess power alarm	Completed	high	[X]
06/05/2021	01:06:00	Excess power alarm	Completed	high	[X]
05/05/2021	00:44:00	Excess power alarm	Completed	high	[X]
04/05/2021	15:09:00	Excess power alarm	Completed	high	[X]
04/05/2021	02:37:00	Excess power alarm	Completed	high	[X]

Connection scheme

