

# Products

[Symmetron](#) was founded in 1989 by experienced engineers and evolved as a major supplier of field-proven measurement equipment.

The company is certified to the [ISO9001:2008](#) quality system.

With thousands of measurement systems deployed worldwide, clients include businesses, organizations and universities. Click [here](#) for a brief presentation of some of our long standing customers

## **Symmetron products find applications in:**

- Wind energy assessment.
- Solar energy measurements.
- Water pipe management.
- Electrical energy measurements.
- General data acquisition and remote control.



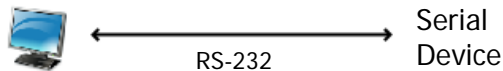
## Main Features

Upgrade to a Symonet modem and communicate with remote RS-232 devices, like they were attached to your computer's local COM port.



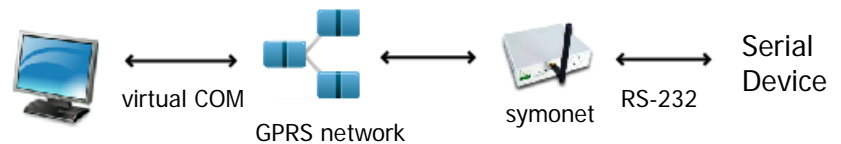
- Connect to your RS-232 device from anywhere in the world
- Access up to 3 remote devices with the same modem.
- Low-cost GPRS online connections
- No static IP SIM card required
- Create virtual RS-485 networks over GPRS
- Virtual COM port software included.
- Easiest connection possible: Only user name, password and serial number required.

Old: Connect to serial devices via a cable



New

Connect to serial devices remotely



## Main Features

Stylitis-10 offers low-cost, high performance data acquisition and control.



- 8 voltage, current, counter, digital Input/Outputs
- 4 MB memory
- Math processing
- Optional Ethernet
- Optional GSM/GPRS Modem
- Optional GPS receiver
- Optional WiFi
- Online GPRS connections
- Emails, SMS alarms
- RS-232
- Modbus, SDI-12 Interfaces
- Sensor excitation
- USB option
- Software included

## Main Applications

- Suitable for general purpose, solar and electrical measurements.
- Suitable for measurements in weather stations.
- Remote control of relays. This feature can be used in various applications, such as turning the lighting of an area on and off, or opening and closing a door.
- Alarm SMSs. This feature can be used in various applications, such as fire prevention networks.

## Main Features

Complete, sealed, portable, high reliability, field proven data acquisition and recording system.



- Practically unlimited data storage with Compact Flash Cards
- 3 counter, 4 analog inputs
- Optional remote GSM/GPRS/Email/SMS communication
- LCD display
- 16-key numeric keyboard
- Pulsed and fixed voltage and current excitation outputs
- Statistics from 1 minute to 1 hour: Min, Max, Average, Standard Deviation
- RS-232
- Software included

## Main Applications

- Suitable for Wind and water measurements: Wind speed and direction, rain height, water speed and depth, etc.

## Main Features

Stand alone, battery operated, high reliability datalogger.



- Practically unlimited data storage with Compact Flash Cards
- 6 counter, 18 analog, 3 digital inputs
- Optional remote GSM/GPRS/Email/SMS communication
- LCD display
- 16-key numeric keyboard
- Up to 6 programmable voltage and current excitation outputs
- Statistics from 1 minute to 1 hour: Min, Max, Average, Standard Deviation
- Time-series sampling rates: 1 ~ 32 Hz
- RS-232
- Software included

## Main Applications

- Suitable for general purpose, wind and solar energy measurements: Temperature, solar radiation, wind speed and direction, etc.
- Power curve analysis, via time-series recording.

## Main Features

Multi-channel electric power measurement datalogger.



- Rugged, watertight case and connectors for outdoor use
- 1 voltage input and 10 current transformer inputs
- All inputs 3-phase + neutral
- Power supply may come from first voltage phase connection or separate socket
- Touch-screen LCD graphic display
- RS-232
- Ethernet
- Built-in earth Leakage Circuit Breaker for added operator safety
- Built-in GSM/GPRS modem
- Software included

## Measurements

- Active power, RMS Volts, RSM Amperes and Frequency for each phase
- Power factor, Reactive Power, Apparent power and Energy for each phase

## Main Applications

- Energy consumption optimization in industrial buildings, hotels, etc.
- Ingoing-outgoing energy balance in electrical substations.
- Green building certification.

# Contact Information

For more information, please contact with Symmetron company.

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