

# e-on EnergyMonitor

Cost-effective solution for analysing and controlling your energy expenses



EnergyMonitor is a system keeping your electricity and gas consumption under control. Connect the system to the main electricity and gas meters and using the the Operation Terminal (PC) you get:

- on-line track and visualisation of your current consumption;
- by using the graphical and numerical functions of the EGA Display software you can analyse consumption trends, peaks and other important occurrences;
- using the statistical functions you can optimise your energy contracts and save costs;
- you can set alarm power limit to avoid overconsumption;
- all data can be stored and exported for further processes (i.e. MS Excel).

You can connect any kind of meters with pulse (relay) outputs. Other standard interfaces (i.e. RS 485) are optional. Analogue signals (4...20 mA) or PT100 are also applicable.

You can extend your EnergyMonitor system with digital and analogue Input Units building a complete energy metering system.

EnergyMonitor Input Unit receives and stores data from the connected meters. The Operation Terminal (PC with the EGA Display software) visualises, stores, processes and exports the consumption data. The communication between the Input Unit and the Operation Terminal can be a data cable with RS485 or RS232 interface, ethernet ; telephone or GSM modem.

The basic configuration (see the system overview below) consists of a single Input Unit with dedicated inputs for one electricity main meter and one gas main meter; a 24 VDC external Power Supply and the Operation Terminal(s).

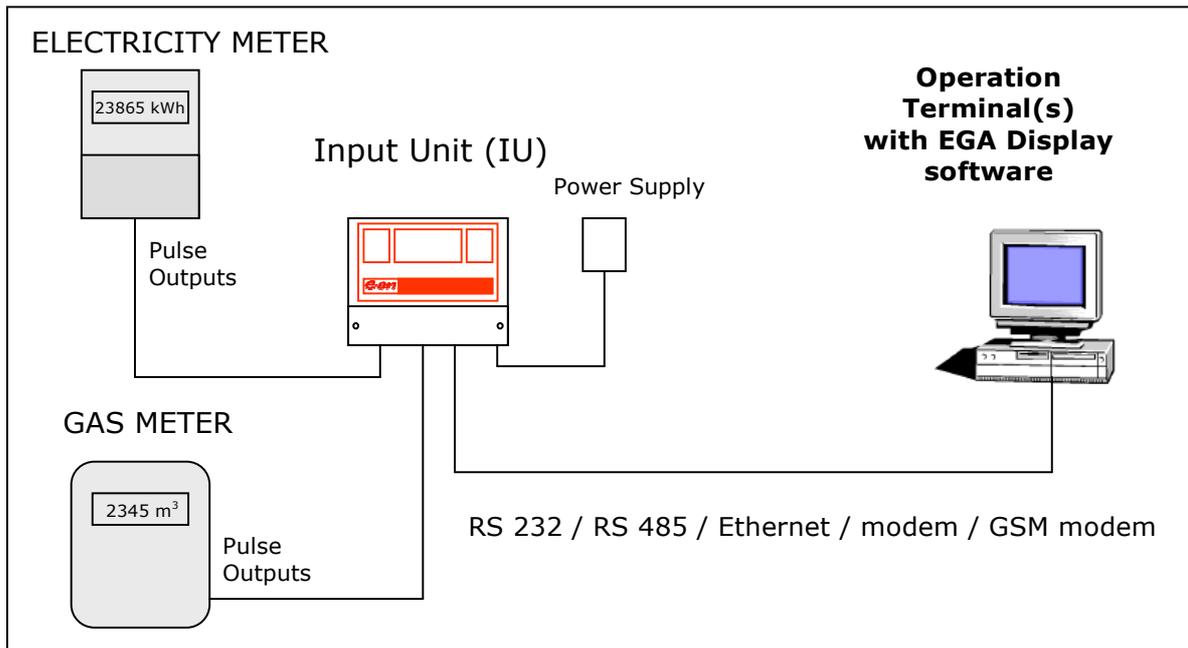
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You can extend the system connecting further Input Units to the RS 485 system bus.

The **EGA Display software** is the user interface of the EnergyMonitor system showing the actual consumption and events (alarms, signals, failures). Using EGA Display you can set the parameters, analyse your consumption and events, complete statistics, archive and export your data for further software applications.

**For more information please contact us:**

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