econ unit+ V2 –
Data logger device
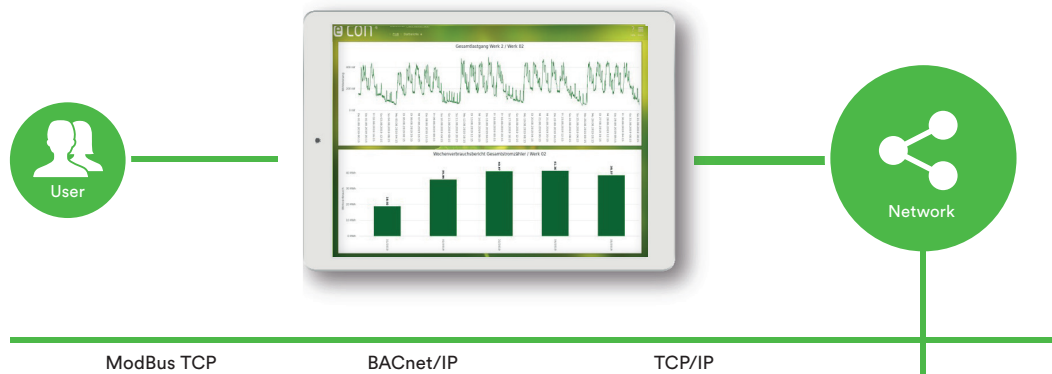## of the latest generation

econ unit+ V2 is a powerful data logger to record energy measurements and consumptions. Collected data is processed in the energy management software econ4.

Just like our other hardware components, our data loggers can be used Plug & Play. This means that they can integrate directly into your existing infrastructure. Still, the system remains scalable and easy to expand.
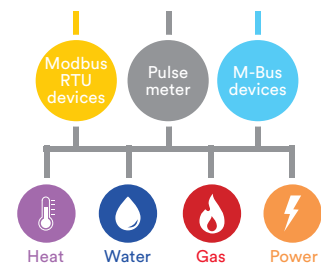
A product for:

- The data logger can be used wherever measured values need to be recorded and stored temporarily
- Whether analog (e. g. temperatures), digital (e. g. impulses or the reading of different meters) or via the interfaces M-Bus, Modbus and Bacnet
- Universal applicability, e. g. in buildings, hotels, nursing homes, hospitals

The all-rounder for energy and consumption recording

User — ModBus TCP — BACnet/IP — TCP/IP — Network

Modbus RTU devices · Pulse meter · M-Bus devices

Heat · Water · Gas · Power

Your advantages:

- Easy configuration via platform-independent web browser
- Integration into the energy management software econ4 via Plug & Play
- Possibility to connect a wide range of sensors and measuring devices
- Several interfaces to choose from (M-Bus, BACnet, Modbus)

Technical information

- Availability of two ethernet ports with daisy chain function to connect further devices, such as the econ sens3
- The M-Bus and Modbus RTU interface allows the reading of different meters, e. g. electricity, water, gas, and heat (up to 80 M-Bus loads / up to 32 Modbus RTU participants)
- Possibility of integration into a BACnet/IP or Modbus TCP network (Modbus server)
- Connection of expansion modules possible (simple and fast wiring with a bridging plug)
- Push: measured values can be transferred from the database via Mail (SSL) or FTP (SFTP)

- Pull: measured values can be read out from the database via FTP (SFTP)
- Digital inputs (8x inputs for the recording and counting of binary states with up to 24 V DC, 4 out of the 8 inputs are potential-free switches which are also suitable for counting S0 pulses)
- Digital outputs (4x transistor outputs with current limitation)
- Relay outputs (4x changeover contacts)
- Analog inputs (3x configurable inputs for resistance, voltage and current reading)
- Analog outputs (3x)
- Operating voltage 24 V DC + / - 10 % (external power supply is required)

Versions, expansion modules and accessories

econ unit+ V2

with the interfaces M-Bus / BACnet / Modbus
Item number: EC250888

econ unit+ V2 WLAN

with the interfaces M-Bus / BACnet / Modbus / WiFi
Item number: EC251016

Accessories

Power supply unit for the supply of the unit+ V2
Regulated DC voltage of 24 V DC / 16 W. Stackable via bridging plug
Item number: EC229025

Extension module 4x S0 to Modbus RTU with 4 S0 inputs Stackable via bridging plug **Item number: EC251063**

IR-readout adapter with M-Bus connection
For the reading of electricity and gas meters via an optical interface
Item number: EC251025

Extension module S0 / M-Bus converter with 4 channels to record pulses
Item number: EC231817

Extension module 4x analog to Modbus RTU
with 4 analog inputs Stackable via bridging plug
Item number: EC251098

WiFi antenna for unit+ V2 WLAN
- Antenna with magnetic base
- SMA connector
- Cable length: 1 m
Item number: EC251139

Our experts are happy to assist!

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