

WebLog 120

M-Bus Datalogger for 120 devices with a webserver



Compact M-Bus Intelligence

The little sister of the WebLog250 now brings the full convenience and performance also to smaller installations. The M-Bus logger WebLog120 has an integrated web server, 4GB memory and adapts to your needs as flexibly as the WebLog250. The WebLog120 can supply M-Bus 120 meters with power and voltage and manage up to 1,000 meters. With the help of the implemented database, your data can already be structured individually in the central unit.

A particularly convenient function is the automatic export of the read data via email or FTP upload. In addition to the standard interfaces (USB, RS232C, Ethernet, RS485, repeater), WiFi is also available as an option. Thanks to the integrated double LAN interface and the repeater input, very individual installations can be realized, for example with a second controller or with a second M-Bus master.

Features

- M-Bus logger for 120 meters
- Integrated web server allows complete operation via web browser
- USB, Ethernet, W-LAN, RS232C, RS485, repeaters
- Data export as XML, XLS, CSV via email, FTP, USB or download
- Firmware update via web browser
- Compact dimensions and top-hat rail mounting
- Automatic, monthly export of meter readings per tenant possible (EED)
- Repeater input enables dual operation with a second M-Bus master



Remote access via web browser

WebLog M-Bus center

up to 120 meters

Operation and features

Operation, i.e. configuration and readout, takes place with your PC / notebook via the web browser. The logged data can then be exported either by email, FTP upload or to a USB stick in CSV, XML or XLS file format. Alternatively, it is also possible to download the data as a file using the browser. The new, small M-Bus loggers with a variety of interfaces (2xLAN, 1xRS485, 2xUSB, 1xRS232, 1xRepeater), built-in universal power supply (110 - 250VAC) and the DIN rail housing made of robust plastic, adapt perfectly to the diverse requirements in daily installation practice.

In addition to structured user administration with different access rights, the software of the WebLog family also allows the administration of several meter groups and various readout intervals. This makes it easy, for example, to send the monthly meter readings to the tenants by e-mail directly from the WebLog. In addition, the WebLog datalogger can also be operated as a transparent level converter via RS232 or as a repeater, which makes it possible to connect a second controller, e.g. a PLC or DDC.

Specifications

| | |
|-----------------------|---|
| Operating voltage | 110 .. 250VAC, 47 .. 63 Hz |
| Power consumption | max. 60W |
| Temperature range | 0 .. 45°C |
| M-Bus voltage | 36 V (Mark without load) |
| M-Bus Standby current | max. 180mA |
| Overcurrent threshold | 250mA |
| Bus impedance | 8 Ω |
| M-Bus baud rate | 300 bis 38400 Baud |
| Galvanic isolation | available |
| Housing | light grey and black ABS plastic, protection class IP 30, mounting on DIN rail, H x W x D: 140 x 90 x 60 mm |
| LED status indicators | power, communication, maximum load M-Bus, M-Bus short circuit , M-Bus active, ERROR |
| Interfaces | 2x 10/100 MBit Ethernet, USB-Host, USB-Device, RS232, Repeater, MicroSD, 2x USB-A optional: W-LAN, RS485 |
| Terminals | 3 x terminals for M-Bus, Steckklemmen für Netzanschluss |

Ordering

| Article number | Description |
|----------------|---|
| WEBLOG120 | web enabled M-Bus center for up to 120 meters |

Accessories

| Article number | Description |
|----------------|--|
| KA003 | 2m power cord, safety plug |
| KA006 | Serielles DSUB Kabel mit 3 offenen Adern |
| KA PATCH | 2m ethernet cable |
| IWLAN | WiFi adapter, internal |