



### APPLICATIONS

- The M-Bus Receiver 868 is used for the stationary reading of HYDRO-RADIO consumption meters.
- Remote reading and data logging of HYDRO-RADIO consumption meters together with a HYDRO-CENTER 60 / 250 communication central.
- HYDRO-RADIO and standard M-Bus consumption meters may be used simultaneously in one system.
- While it is possible to directly connect the M-Bus Receiver 868 to the M-Bus output of a HYDRO-CENTER 60 / 250 communication central, all HYDRO-RADIO compatible consumption meters may be used immediately within the HYDRO-CENTER / HYDRO-NET reading system.

### FEATURES

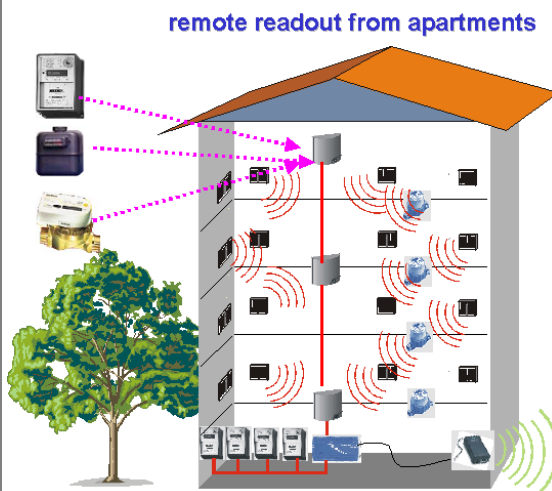
- Radio receiver for capturing the data telegrams of HYDRO-RADIO consumption meters working in the 868 MHz ISM radio band.
- Two-wire interface for direct connection to a HYDRO-CENTER 60 / 250 communication central.
- Internal memory for buffering 1000 HYDRO-RADIO consumption meters, the last received radio data telegram is stored, respectively.
- Internal antenna
- 2 LED indicators for: valid radio telegram received and invalid radio telegram received.

### SPECIFICATIONS / INTERFACE

- 868 MHz radio receiver for HYDRO-RADIO consumption meters.
- Range of reception depending on the environment, up to 400 m (outdoor) or up to 30 m (indoor), respectively.
- Internal memory stores the latest received radio data telegram of up to 1000 consumption meters, respectively.
- Two-wire interface for direct connection to the M-Bus outputs of a HYDRO-CENTER 60 / 250 communication central.
- 2400 and 9600 baud serial communication speed.
- Up to 3 M-Bus Receiver 868 may be connected to a HYDRO-CENTER 60
- Up to 12 M-Bus Receiver 868 may be connected to a HYDRO-CENTER 250
- May be used together with standard M-Bus devices on the same bus line.

### HOUSING / WEIGHT

- Light-gray plastic housing with wall mounting support.
- Terminal protection cap may be sealed.
- Size approx. 120 x 120 x 35 mm
- Protective class IP44
- Weight approx. 150 g.
- Operating temperature +0°C ... +60 °C, 10% ... 70 % relative humidity (not condensing).



remote readout from apartments

### different media

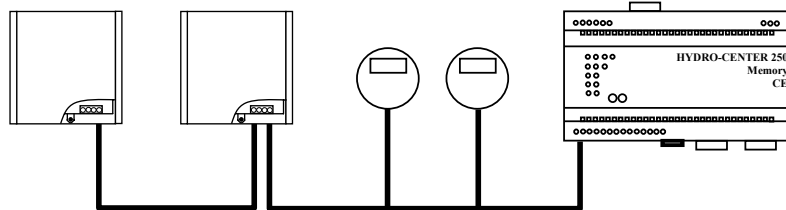
electricity

water

heat meter/  
heat cost allocator

gas

### APPLICATION EXAMPLE



### ORDER REFERENCE

Article	Description	Order Number
M-Bus Receiver 868	Receiver for HYDRO-RADIO with two-wire interface for HYDRO-CENTER 60 / 250	535 001 31

### ACCESOIRES

Article	Description	Order Number
HYDRO-CENTER 60	M-Bus level converter / repeater for up to 60 devices, 24 V AC/DC power supply	535 000 50
HYDRO-CENTER 60 Memory	M-Bus level converter / repeater for up to 60 devices, 2 MByte data logger memory included, 24 V AC/DC power supply	535 000 51
HYDRO-CENTER 250	M-Bus level converter / repeater for up to 250 devices, 24 V AC/DC power supply	535 000 52
HYDRO-CENTER 250 Memory	M-Bus level converter / repeater for up to 250 devices, 2 MByte data logger memory included, 24 V AC/DC power supply	535 000 53
HYDRO-CENTER Power	Power supply for HYDRO-CENTER 60 / 250, 100 – 230 V / 50 – 60 Hz input, 24 V DC output, 24 W	535 000 54

The latest software versions and more technical information is available at our internet download page:  
[www.hydrometer.com/systems](http://www.hydrometer.com/systems)