

IZAR RECEIVER DISPLAY

RADIO RECEIVER

HYDROMETER



APPLICATION

The IZAR RECEIVER DISPLAY is able to do a stationary reading of up to 10 meters with HYDRO-RADIO or Open Metering radio protocol. Like that a clear representation of meter and consumption values in the living area can be done. The result is an optimisation of consumption and an efficient handling with resources.

FEATURES

- ▶ Equipped with a sophisticated 868 MHz or 434 MHz radio receiver
- ▶ Simple configuration via USB interface and PC software
- ▶ Powered by 2 standard alkali batteries
- ▶ Adjustable receiving interval (1 h ... 24 h) for battery mode
- ▶ Permanent reception when USB cable is connected to PC for current consumption detection
- ▶ Visualisation of consumption on the device (daily, weekly, monthly, yearly consumption)
- ▶ Stand support that can also be used as wall mounting support

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PRINCIPLE OF OPERATION

Depending on the receiving interval the IZAR RECEIVER DISPLAY is updating the display screen every 1 h ... 24 h (or permanently when USB cable is connected to PC). In an inbuilt memory the IZAR RECEIVER DISPLAY is storing one value per day (at midnight) for each meter that was added to the device list. Like that it is calculating the daily, weekly, monthly and yearly consumption of each meter to be displayed on the screen or in bar graphs in the software.

GENERAL

868 / 434 MHz	
Versions	2 different versions for receiving 868 MHz or 434 MHz radio telegrams
Housing	Light-grey plastic housing
Displayed media	Water, heat / cold, gas and electricity meters
Power supply	Powered by battery or via USB when connection to PC is established
Software	End customer software for graphical visualisation of meter data
Clock	Internal real time clock for creating historical values
Consumption costs	Possibility to visualize costs of a meter
Alarms	Visualisation of leakage alarms
Device list	Selecting the reception of up to 10 meters
Range of reception	Up to 400 m outdoor or up to 30 m indoor

TECHNICAL DATA

868 / 434 MHz	
Power supply	2 x alkali batteries (type AA; 1,5 V)
Weight	g 230
Protection class	IP 43

Battery lifetime depending on:

- reception quality
- reception interval
- alarm condition
- min 0.3 years (no reception, 1 h reading, alarm)
- typical 2.6 years (very good reception, 8 h reading, no alarm)

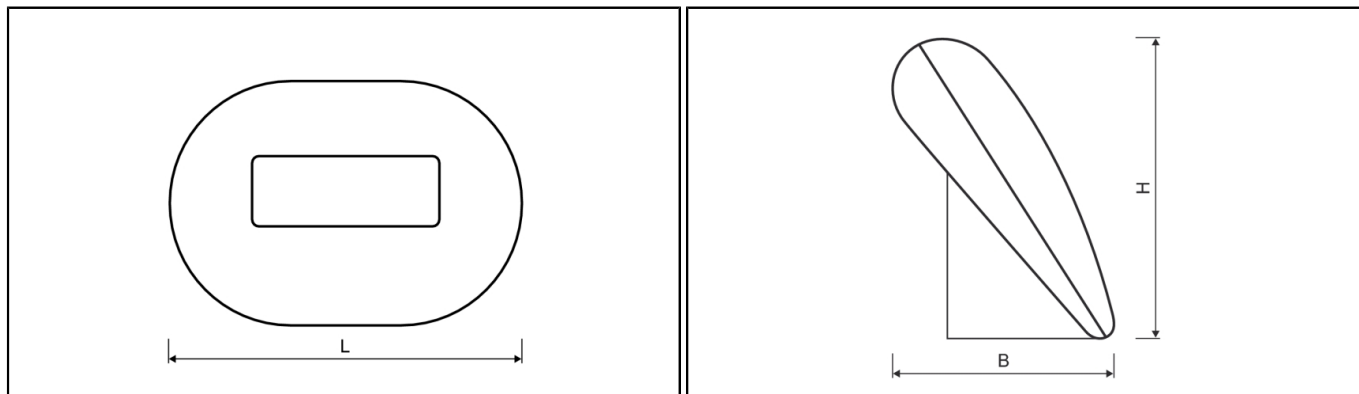
AMBIENT CONDITIONS

868 / 434 MHz	
Operating temperature	°C 0 ... 55
Humidity	% 10 ... 85

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DIMENSIONS



			868 / 434 MHz
Length	L	mm	122
Width	B	mm	70
Height	H	mm	95

SCOPE OF DELIVERY

- IZAR RECEIVER DISPLAY device
- manual (German, English, French)
- USB cable
- 2 alkali batteries
- software CD

NOTE: For commissioning (creating the device list, configuration of receiving interval) an additional software tool is required. This technician add-on will be delivered separately.