

M-BUS RECEIVER

RADIO RECEIVER

HYDROMETER



APPLICATION

The M-BUS RECEIVER is used for stationary reading of IZAR RADIO consumption meters. Remote reading and data logging of these meters will be done in combination with an IZAR CENTER M-Bus master.

FEATURES

- ▶ Radio receiver for capturing IZAR RADIO data telegrams
- ▶ Available in 868 MHz and 434 MHz version
- ▶ No M-Bus cabling from consumption meter to M-Bus master necessary
- ▶ Two-wire M-Bus interface for direct connection to an IZAR CENTER communication central
- ▶ Powered through M-Bus interface, no external power supply necessary
- ▶ IZAR RADIO meters and standard M-Bus meters may be used simultaneously in one system
- ▶ Internal memory for buffering the last received radio telegram from up to 500 consumption meters

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PRINCIPLE OF OPERATION

The M-BUS RECEIVER receives radio telegrams from IZAR RADIO meters and is storing them into its internal memory. Each time a new radio telegram is received, the M-BUS RECEIVER is deleting the old one from that meter. The M-BUS RECEIVER can only be used in combination with an IZAR CENTER M-Bus master. Here it is possible to do an interval reading of the M-BUS RECEIVER like it is done with a normal M-Bus meter. The data stored in the IZAR CENTER memory can be transferred to the IZAR@NET software.

GENERAL

868 / 434 MHz	
Versions	2 different versions for receiving 868 or 434 MHz radio telegrams
Housing	Light-grey plastic housing with wall mounting support
Protection	Terminal protection cap may be sealed
Communication speed	2400 and 9600 baud
Range of reception	Up to 400 m outdoor or up to 30 m indoor
Configuration	Via IZAR CENTER software and hardware
Antenna	Internal antenna, invisible
Indicators	2 LED indicators for: valid radio telegram received and invalid radio telegram received
Installation	Up to 3 / 6 / 12 M-Bus Receivers may be connected to one IZAR CENTER 60 / 120 / 250

TECHNICAL DATA

868 / 434 MHz	
Power supply	via M-Bus
Weight	g 150
Protection class	IP 44

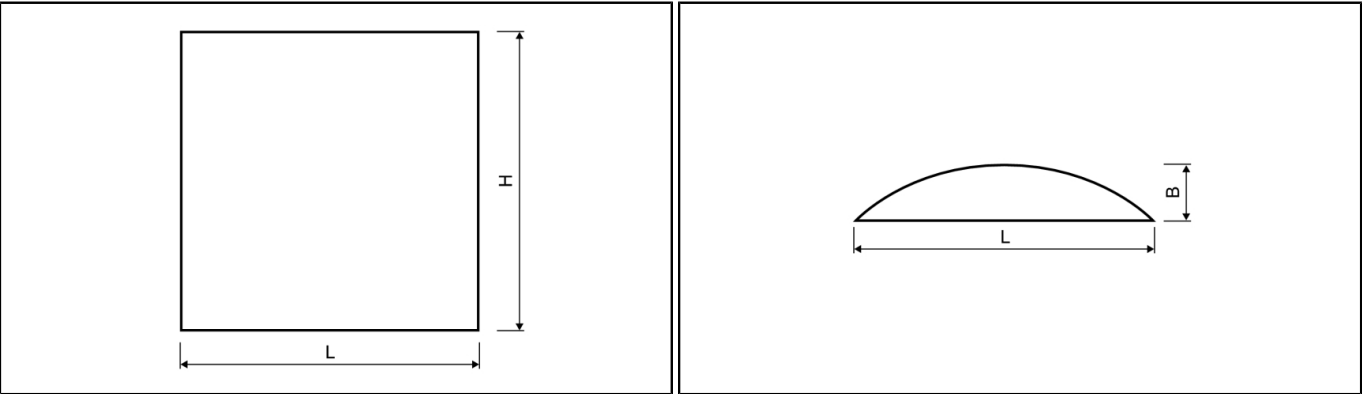
AMBIENT CONDITIONS

868 / 434 MHz	
Operating temperature	°C 0 ... 60
Humidity	% 10 ... 70

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DIMENSIONS



868 / 434 MHz			
Length	L	mm	120
Width	B	mm	35
Height	H	mm	120