

# IZAR RECEIVER M-BUS

RECEIVER

SAPPEL



## APPLICATION

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

## FEATURES

- ▶ Radio receiver for IZAR Radio units
- ▶ Available in 868 MHz and 434 MHz version
- ▶ Two-wires 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 logging up to 500 different meters

# IZAR RECEIVER M-BUS

## RECEIVER

### PRINCIPLE OF OPERATION

IZAR RECEIVER M-BUS receives radio data from meters equipped with IZAR radio and stores them into its internal memory. Each time a new radio telegram is received, IZAR RECEIVER M-BUS deletes the old one. IZAR RECEIVER M-BUS can only be used in combination with an IZAR CENTER M-BUS Master. It is possible to read with defined intervals the IZAR RECEIVER M-BUS like it is done with a normal M-Bus meter. The data stored in the IZAR CENTER memory can be transferred to IZAR@NET software.

### GENERAL

IZAR RECEIVER M-BUS	
Versions	MHz 868 / 434
Housing	Light-grey plastic housing with wall mounting support
Protection	Terminal protection cap 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
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

IZAR RECEIVER M-BUS	
Power supply	via M-BUS
Weight	g 150
Protection class	IP 44

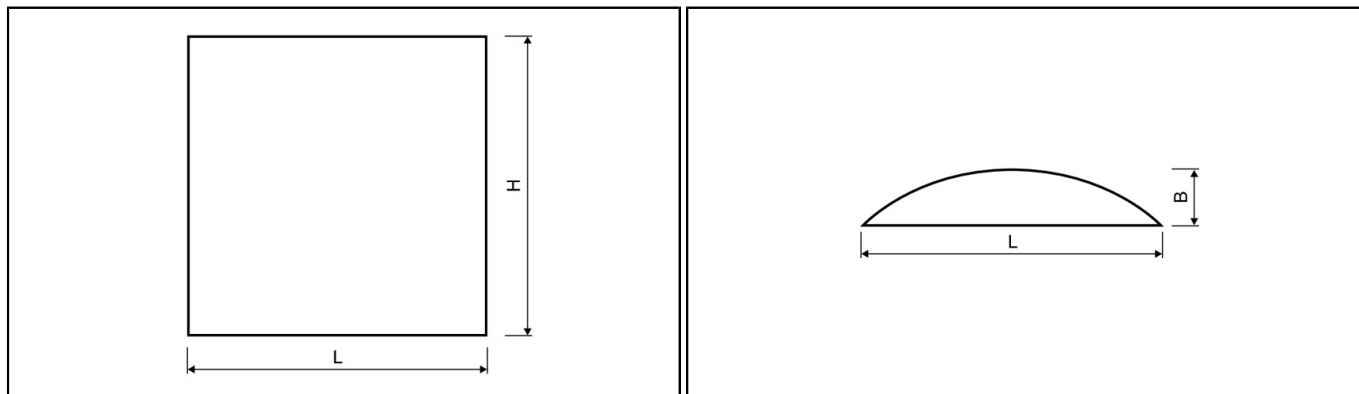
### AMBIENT CONDITIONS

IZAR RECEIVER M-BUS	
Operating temperature	°C 0 ... 60
Humidity	% 10 ... 70

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## DIMENSIONS



IZAR RECEIVER M-BUS			
Length	L	mm	120
Width	B	mm	35
Height	H	mm	120