

IZAR RECEIVER BT

RADIO RECEIVER

DIEHL
Metering



APPLICATION

IZAR RECEIVER BT is a radio receiver designed for mobile reading (walk-by or drive-by) of multi-energy meters.

During the tour, the data collected by the receiver is transmitted to a Bluetooth® handheld terminal.

Self-powered, IZAR RECEIVER BT is available in 868 or 434 MHz.

FEATURES

- ▶ Radio range of up to 500 meters
- ▶ High speed Bluetooth® data transmission to handhelds
- ▶ Built-in, powerful accumulator for a maximum uninterrupted operating time of up to 15 hours
- ▶ 4 hours rapid charge with provided power supply unit
- ▶ 5 LED indicators for : power supply, rapid charge, device on, valid/invalid radio telegram received
- ▶ Plastic housing with rubber side frame and belt clip
- ▶ Compatible with all the IZAR products and Diehl Metering integrated radios

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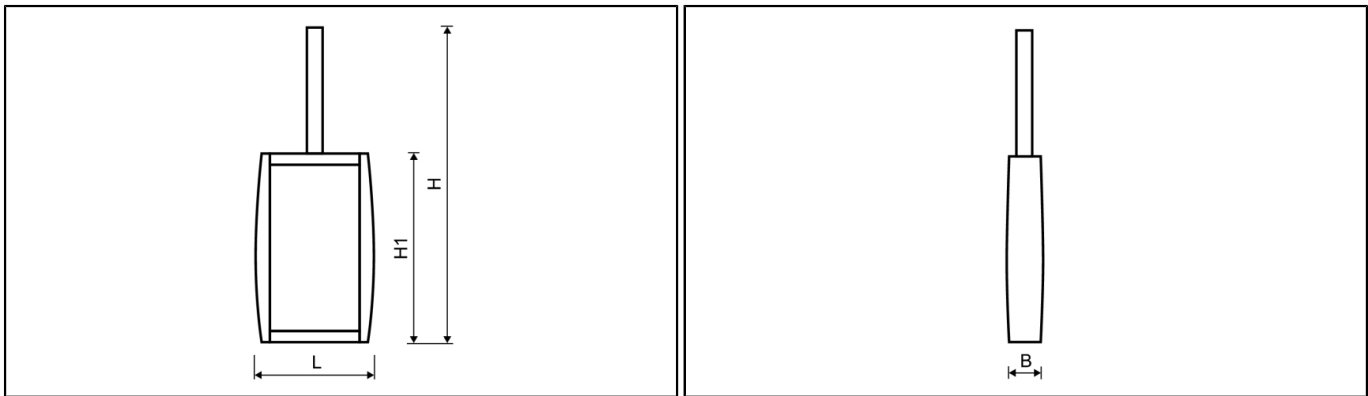
TECHNICAL DATA

| IZAR RECEIVER BT | |
|--------------------------|--|
| Frequency | MHz 868.95 or 434.475 (PRIOS, OMS, wM-Bus) |
| Radio range | Up to 500 m depending on the environment |
| Bluetooth® specification | 2.4 GHz, version 2.1, class 1 |
| Bluetooth® range | Up to 10 m |
| Data transmission rate | kbit/s 115.2 |

AMBIENT CONDITIONS

| IZAR RECEIVER BT | |
|-----------------------|----------------|
| Operating temperature | °C 0 ... +60 |
| Storage temperature | °C -20 ... +60 |
| Humidity | % 10 ... 70 |
| Protection class | IP 54 |

DIMENSIONS



| IZAR RECEIVER BT | |
|------------------|-----------|
| Length | L mm 96 |
| Width | B mm 29 |
| Height | H mm 250 |
| Height | H1 mm 155 |