

IZAR RDC MOTION

RADIO RECEIVER

DIEHL
Metering



APPLICATION

The IZAR RDC MOTION is a radio receiver designed for walk-by or drive-by mobile meter reading.

Executing a meter reading tour, the received data is transmitted via Bluetooth® to the IZAR@MOBILE 2 software. The software can be installed on a handheld device or a tablet.

The IZAR RDC MOTION is equipped with a rechargeable battery and available in 868 and 434 MHz.

FEATURES

- ▶ Wireless mobile meter reading with radio modes T1/C1/C2 up to a range of 400 m
- ▶ High speed Bluetooth® data transmission to handhelds
- ▶ Built-in powerful accumulator for a more than 16h operational time for uni-directional reading and up to 12h operation in 2way communication
- ▶ 3 LED indicators providing status information as Bluetooth® active, radio telegram received, device on/off and battery status
- ▶ Plastic housing with rubber side grips and belt clip
- ▶ Compatible with all the IZAR products and Diehl Metering integrated radios

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TECHNICAL DATA

IZAR RDC MOTION	
Frequency	868.950 MHz (uplink) / 869.525 MHz (downlink) or 434.475 MHz (uplink) / 433.500 MHz (downlink)
Meter interface	Wireless M-Bus EN13757, Mode T1/C1/C2
Radio range	Up to 400 m depending on the environment
Bluetooth specification	2.4 GHz, version 4.1, class 1.5
Bluetooth range	Up to 10 m
Data transmission rate	Up to 2 Mbit/s
Rechargeable battery	3.65V Lithium-ion 2850 mAh

REACH

Information pursuant to Article 33 (1) of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006:

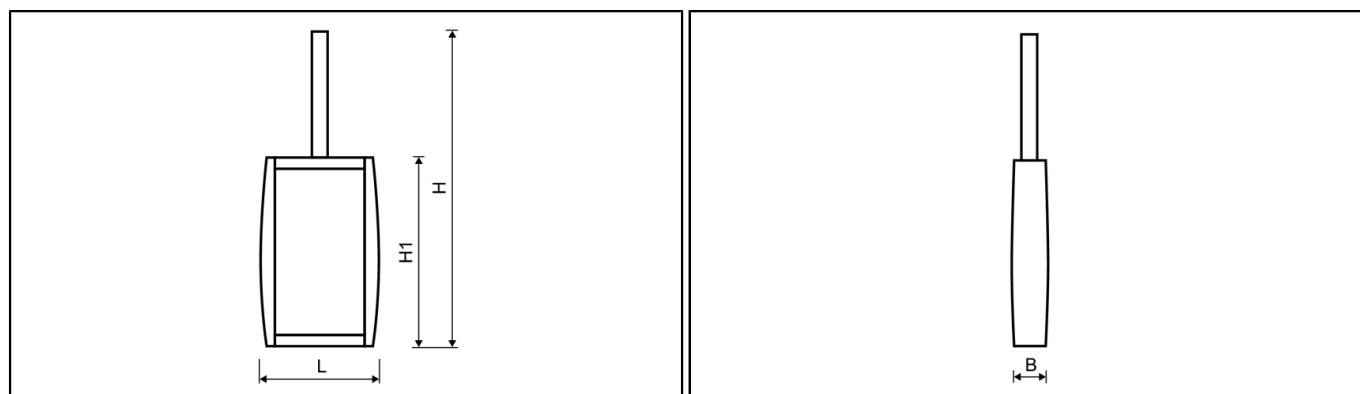
This product series contains articles with the following substances in a concentration of more than 0.1% weight by weight (w/w):

- Lead (CAS no.: 7439-92-1)
- Lead titanium trioxide (CAS no.: 12060-00-3)

AMBIENT CONDITIONS

IZAR RDC MOTION	
Ambient operating temperature	°C -20 ... +50
Charging temperature	°C 0 ... +45
Storage temperature	°C -20 ... +60
Relative humidity	% 10 ... 70 (non-condensing environment)
Protection class	IP 51

DIMENSIONS



IZAR RDC MOTION			
Length	L	mm	79
Width	B	mm	32
Height	H	mm	297 (868 MHz) / 290 (434 MHz)
Height	H1	mm	117