DIEHL
Metering

IZAR RDC MOTION

RADIO RECEIVER



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

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

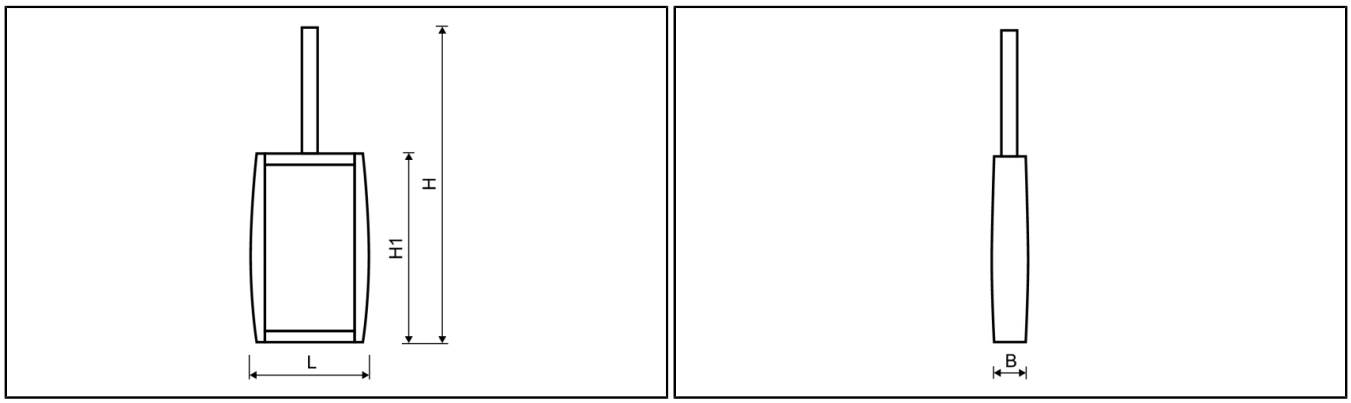
REACH

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

Economic Actor Information

Applicable regulation and legal obligations for products may change.

DIEHL METERING monitors applicable regulation to ensure their products comply at the date of placing on the market.

Each economic actor making products available on the market thereafter must independently keep informed about the current applicable regulation.

For questions, please contact: metering-germany-info@diehl.com

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