

BT RF

Radio Bluetooth Master U

Designed by Itron, this radio Bluetooth Master U is a handheld device that connects to meters equipped with radio reading terminals equipped with Bluetooth.

ADAPTABILITY

The BT RF master is the interface to read any meter mounted with a RADIAN compatible radio module:

- » Itron water meters
- » Itron gas meters
- » Other meters

It allows automatic reading with any reading terminal, providing that the meter is equipped with Bluetooth.



The BT RF Master is temperature resistant to give the best results in any weather conditions.

It is powered with rechargeable lithium-ion batteries- performing up to 1000 radio readings per day with batteries fully recharged, large full day autonomy 8 hours of continuous BT communication.

The BT RF Master unit includes a protection bag with integrated belt clip located on its rear side to easily fix it on a belt, a pocket side or any other support.



Bluetooth RF Master Architecture

Technical Characteristics

Radio Frequency Features

Protocol	RADIAN
Modulation	Frequency Shift Keying
Frequency carrier	433.82 MHz
Radiated power	< 10 mW
Transmission	Symmetrical 2 way communication

Outputs

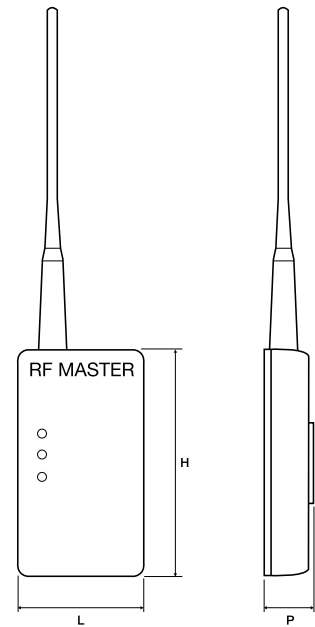
Communication layer	Bluetooth v.2.2. + EDR
Power source	External (Ni-MH batteries 1000 mA) +5 VDC \pm 10%

Functional Specifications

Dimensions	H 112 x L 62 x P 38 mm, without antenna
Weight	205 g
Operating temperature	-10°C / +55°C
Storage temperature	-20°C / +70°C
Conformity certified, in accordance with the European R&TTE directive (1999/5/EC)	

ACCESSORIES

- » Spare aerial
- » Mini USB cable
- » Protection bag



Easy communication follow-up using the three diodes



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