

The **ideal RFID companion**
for **Bluetooth** devices



R1240I

**Fully integrated
UHF RFID
USB/Bluetooth
reader**

Features

- EPC C1 G2, ISO 18000-6C Compliant
- Multi-Regional Support
- USB and Bluetooth communication
- Integrated dual linear (H/V) antenna polarized
- Ergonomic shape
- Battery powered

Applications

- UHF add-on to Bluetooth devices
- Point of sales
- Field sales mobility
- People access control
- Inventory management

General Info

The qID (Model R1240I), mobile reader of the easy2read® Family, is an UHF multiregional RFID reader with integrated antenna for short to medium range applications. It is compliant with ISO 18000-6C/EPC C1G2 standards.

The reader hosts an internal rechargeable battery and can operate both in wired mode, using a USB cable, or in wireless mode through the Bluetooth® interface.

Thanks to the Bluetooth® communication interface, the R1240I is a perfect add-on for any Bluetooth® enabled host such as a PC, a smartphone, a PDA or a tablet for UHF RFID readings. The reader is compatible with Windows XP/7, Windows CE/Mobile, Android, iPhone and iPad.

The reader can also operate in "Batch Mode", allowing to store up to 500.000 EPC codes into the internal memory when the communication links (USB or Bluetooth®) are not available.

An optional 1D/2D barcode imager enables the qID to read most of the barcode standards. This enables the qID to be the perfect identification device in mixed barcode/RFID labels environment.

When paired to a smartphone or a tablet, the qID is a cost effective alternative to more expensive handheld devices.

Designed for mobile operators in indoor or outdoor areas, the qID is ideal for inventory management, field sales mobility, service and maintenance applications.



easy2read® Family

The easy2read® family constitutes a complete and reliable product line of readers for any Auto-ID need. A reading range from a few centimetres up to 7-8 metres distance makes the easy2read® family suitable for applications such as access control, UHF gates, desktop reading or OEM modules for integration into handheld or printer devices.



- OEM Readers
- Fixed Readers
- Desktop Readers

easy2read®

Technical Specifications Table

Frequency Range	865.600÷867.600 MHz (ETSI EN 302 208) 902÷928 MHz (FCC part 15.247)
RF Power	Programmable in 8 levels from 11dBm (12.5mW) e.r.p. to 28dBm (610mW) e.r.p.
Antenna	Integrated dual linear (horizontal and vertical) polarized antennas
Number of Channels	4 channels (compliant to ETSI EN 302 208) 50 hopping channels (compliant to FCC part 15.247)
Std. Compliance	ISO 180006-C/EPC C1G2
Read Range	up to 1.5m. (typical)
Connectivity	USB Interface: USB 2.0 Full Speed (12 Mbit/s) device port Bluetooth Interface: Class 1 with output power 5dBm e.i.r.p. Virtual COM port parameters: - Baudrate: up to 921.600kbps - Databits: 8 - Stopbits: 1 - Parity: none - Flow control: none
User Interface	Button #1: ON/OFF Button #2: Trigger Led #1: power indication and battery status (green: high; red: low) Led #2: communication activity (blue: Bluetooth; orange: USB) Led #3: operation result (green: OK; red: not OK) Buzzer: bitonal for events signalling
Internal Buffer Size	6MByte (equivalent to 500.000 EPC codes@96bit) (TBC)
Barcode Reader	1D and 2D imager (only in Mod. WR1240IXBAAA).
Battery Type	Li-Ion 3.7V, 2100mAh
Battery Life	Operating: > 8h Standby: > 7 days
Battery Charging Time	7h from USB port 3h with AC/DC adapter
Dimensions	(W)90 x (L)140 x (H)35 mm ³ max. (5.5 x 3.6 x 1.4 in ³)
Length of USB cable	1,5 m
Operating Temp.	-10 °C to +55 °C
Weight	180 g max. (without barcode module installed) 191 g max. (with barcode module installed)

Ordering Options

Code	Description
Reader	
WR1240IXAAAA	R1240I - qID - Wearable Bluetooth UHF RFID Reader
WR1240IXBAAA	R1240IB - qID - Wearable Bluetooth UHF RFID/BARCODE Reader
Accessories	
EACCESCDF06	R1240I SILICONE COVER



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