






arfiMove
BLUEBERRY RE40-UHF
865...868 MHz UHF
Portable
Bluetooth® 5.1 USB-C
RFID Reader / Writer
ISO18000-63

Product:	Portable POCKET STYLE 865-868 MHz UHF RFID Reader Writer with integrated antenna and Bluetooth™ interface to connect with Android™, IOS™ , macOS™ , Linux or Microsoft Windows™ operating system based smartphone, PC or tablet PC.	
RFID TAGs supported:	ISO18000-6 TAG series Read Write	
Read Range:	up to 2 cm with near field UHF TAG up to 4 m in free air with far field UHF TAGs (Depends on RFID TAG type and shape)	Automatic continuous reading of EPC and or TID/UID. Data format HEX, ASCII or SGTIN-96 string with optional prefix/suffix
Frequency / RF Power:	865.6 – 867.6 MHz (At room temperature 20°C)	max 500mW 27dBm worldwide
ISO / Standards:	ISO18000-63	
Material / IP Rate:	Plastic	IP54 (IP65 with accessories)
Dimensions / Weight:	(116 x 72 x 13) mm	ca. 95 g
Interfaces:	USB type C, Bluetooth 5.1 Transmission Distance: up to 10 m (in open environment) 3,5 mm Jack connector	HID Human device interface (keyboard emulation) SPP (bidirectional serial) profiles
Power Supply:	Integrated Li-Poly Battery 3.7V 1.2Ah	External 5Vdc from USB Type C connector.
Switch:	1 function key for RFID READ activation	and for switch the device on/off
Display / Sound:	1 RGB multicolor LED (right) 1 RGB multicolor LED (left) to report the operating status of the reader	1 Multi-tone Beeper, 1 haptic actuator (vibration), to report the result of the RFID scan
Temperature:	Operating: -20°C ... + 60°C	Storage: -20°C ... + 60°C
Certification: 	Regulatory and Compliance: ETSI EMI/RFI EN 55032:2012 / C:2013 (Class B) EN 5032:2015 / AC:2016 (Class B) EN 55024:2010 EN 5024:2010 / A1:2015 EN 55035:2017 47 CFR Part 15, Subpart B, Class B	  Made in EUROPE
Part Description:	arfiMove BLUEBERRY RE40-UHF	Part-No. 123457323

arfidex GmbH | Adlerstraße 2 | D-63322 Rödermark | Germany | Phone: +49 (0) 6074 861930

www.arfidex.de | info@arfidex.de

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The portable arfiMove BlueBerry RE40 UHF is a powerful RFID reader, capable of reading UHF tags and transmitting the acquired data to any device equipped with a Bluetooth interface, including Android or iOS smartphones and tablets.

Taking advantage of the integrated linear polarization antenna, the maximum reading distance is around 4 meters depending on the FF-type UHF tags used.

Since it is a loop antenna, the reading of miniaturized NF-type UHF tags is also facilitated.

The use of the reader is easy and intuitive, thanks to the presence of a single button to activate the reading of UHF tags, combined with a multicolored RGB LED, a multitone beeper and a haptic actuator (vibration) that informs the operator about the result of the reading.

arfiMove UHF Scanner RE40 integrates Bluetooth 5.1 radio transmission technology.

There are two profiles available: keyboard emulation and serial emulation. In keyboard emulation, the reader is able to transmit the data read by the UHF tags to any pre-existing application, in any keyboard data input field.

In serial emulation, through specially developed applications, the reader is able to perform any reading or writing operation on UHF tags (TT-RFID protocol or API for Android or iOS are available to developers).

arfiMove UHF Scanner RE40, during its normal use, works on battery power.

Charging takes place via a USB Type C connector, making the reader compatible with all latest generation battery chargers.

Thanks to its exclusive 3.5mm jack input, the same as that of smartphones, it is possible to connect the reader to a common selfie stick, so as to make reading UHF tags ergonomic even in difficult or uncomfortable positions to reach with the reader held in hand.

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This portable arfiMove BlueBerry RE40 UHF RFID reader is used by system integrators/companies to read and write UHF RFID tags, and to send the data in real time to a smartphone, tablet, PDA, PC by using Bluetooth™ wireless technology.

Apps, APIs and SDKs are available for Android™ iOS™ macOS™ Linux and Microsoft Windows™ based devices.

Applications:

- ◆ Industrial ID
- ◆ Inventory (Asset Management)
- Logistics
- ◆ Maintenance, Service, Inspection
- ◆ Waste Management

Options:

The device is also available as OEM module for integration in customers housing or as fixed reader with external antennas.



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