
# MobiRead UHF BH600

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| **Manufacturer:** | Mobilator |
| **Protocol:** | ----- |
| **Frequncy:** | ----- |
| **Working frequency:** | LF/HF/UHF (Choice when ordering) |
| **Work mode:** | SPP |
| **Read range:** | LF:0~12cm HF:0~12cm UHF:0~2m |
| **Communication Interface:** | USB Bluetooth |
| **Bluetooth Transmission Distance:** | 10m |
| **Battery:** | 3.7 V (lithium battery); 1500mAh |
| **Size:** | ----- |
| **Weight:** | ----- |
| **Operating systems:** | Android iOS Windows |
| **Operating temperature:** | -10°C~ 50°C |
| **Storage temperature:** | -30°C~ 70°C |

**Product from the Archive - production finished**


**Mobile RFID** readers is a new category of devices that appeared in our offer. This technology is widely Applications up and thanks to our devices becomes available to everyone.

**MobiRead UHF BH600** has radio transmission module (this is both a transmitter and receiver), the control unit and the connecting element tag. It contains the interface to a PC, PDA or smatfonem, allowing the transfer to and from the PC all kinds of application and system data.

Unusual, modern, wireless (Bluetooth) UHF RFID reader MobiRead BH600 has been designed with users in mind, for which it is necessary meticulous cataloging of all available information in the form of logistics electronic databases, spreadsheets, lists, forms, etc.

UHF MobiRead BH600 intelligent and ergonomic, handheld RFID reader facilitate the work of drivers, mobile and stationary retailers, pharmacists, couriers, logistics specialists, quality controllers and controllers of manufacturing processes and to all those who need to work in cataloging and storing information sczytanych with barcodes.

RFID radio frequency identification system. What does it mean? The object of any RFID system is to store a certain amount of data in convenient transceiver devices that English is the generic name tag (we will specify the device in the Polish language as a marker), then read the data in an automated manner at the right (convenient) time and place in order to get the desired result for a given application. Contained in the tag information may describe the different parts of the production line, goods in transit, the location of objects, identify vehicles, animals or people. By attaching the tag information can enrich applications with the capabilities to support its operation, taking into account specific information about the object to which the tag belongs.


1. AUTO - automatic read / write tagsa

3. WRITE - write tags

2. READ - read tags

4. ON/OFF

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MobiReader has a built-in RFID reader that connecting via Bluetooth with your device provides information including the name of the product, its type, approximate value, availability, and also allows for quick and convenient automatic grouping of data.

Designed to be tailored to different applications, wireless (Bluetooth), the reader can be compatible with systems such as Android, iOS, Windows XP, Windows 7, Windows 8 Linux. Users can transmit data in real time to a PC or mobile devices.

Portable (bluetooth-arid) RFID readers through the use of radio read-out techniques are convenient and easy to use and offer extensive configuration parameters. Allow you to work in automatic mode or manual. Read tags from a distance of several centimeters to a few meters up. By using wireless communication to offer a range of 10-15m from the computer or phone.


**Support Bluetooth SPP system.**

**SPP** (Serial Port Profile) determines how to configure virtual serial ports (RS-232), and a combination of two devices via Bluetooth. It is used in various devices (eg. PC, GPS receiver, equipment).

Wireless RFID reader works as a Bluetooth master (supporting SPP - Serial Port Profile). When paired with a computer or mobile device, the tag can be read using a software tool called. virtual serial port (RS232 or COM port). This allows the device to both send and receive data via Bluetooth without connecting a serial cable to the computer.

With RFID technology, we meet every day, without realizing its existence. It is used, among others, in the following applications :

- proximity card payment
- modern public transport tickets
- card access to all kinds of protected areas, buildings in passports
- road toll systems -np.viaToll (special maneuvering lane without stopping)
- ski-passes giving access to larger lifts
- time control of the child in kindergarten
- access to modern pools cabinets
- libraries - eg. in the impersonal use of return books
- for the determination of animals such. chips for dogs
- to control the time in sports, eg. in the marathon, cycling where a large number of participants prevents the use of stopwatches

Each came in contact with the solution that simplifies our lives and saves our time. These are the main objectives of RFID technology - saving time, process automation, information available faster and more accurate, eliminating errors.


**Trade**

The device is used to quickly pay using proximity cards. Certainly will be applied in all kinds of retail chains and stores.

**Logistics and transport**

The RFID reader will also find all kinds of application in transport - as even the toll collection system.

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| Operating Frequency | LF/HF/UHF (Frequency selection when ordering) |
| Interface | USB<br>Bluetooth |
| Reading distance | LF: 0~12cm<br>HF: 0~12cm<br>UHF: 0~2m |
| Operating systems | Android<br>IOS<br>Windows |
| Memory | can store 1000 records |
| Battery | 3.7V 1500mAh |
| Communication | SPP |