RFID

IP56

BT

USB

MobiRead UHF VH-75

Manufacturer:	Mobilator
Protocol:	ISO -18000-6C (EPC G2)
Frequncy:	865-868 MHZ 902-928 MHZ
Working frequency:	UHF
Work mode:	FHSS
Read range:	20cm
Communication Interface:	Bluetooth USB
Bluetooth Transmission Distance:	10m
Battery:	3200 mAh 3.7V
Size:	180*55*30 mm
Weight:	250 g
Operating systems:	Android Windows
Operating temperature:	-20°C~+50°C
Storage temperature:	-25°C~+70°C

Product from the Archive - production finished

UHF
VH-75
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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 VH-75 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 VH-75 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 VH-75 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. Read tags

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 FHSS system.

FHSS (Frequency-hopping spread spectrum) - a method of spread spectrum broadband systems. This translates directly is the signal after frequency hopping in subsequent intervals, the available spectrum (band).

FHSS mechanism provides an easy way to simultaneously run multiple systems in the same frequency band. At the same time ensures even distribution of load in the vehicle. The principle of operation of the frequency hopping (frequency hopping) is that both the transmitter and receiver change in specific cycles of the carrier frequency.

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.

MobiRead UHF VH-75	
Operating Frequency	UHF
Interface	USB Bluetooth
Reading distance	UHF: 200cm
Operating systems	Android Windows
Size	180 (L)* 55 (W)* 30 (H)mm
Battery	3.7V 3200mAH
Communication	FHSS Range up to:10m