

WBR800 sales brochure text

WBR800 is a High Frequency RFID reader applying with ISO15693 protocol. It has widely varied applications such as Asset Control, Transportation Management, Logistic of Items Management...etc. Comparing with traditional inventory management, with WBR800.



Key features

- Easy to use with wristband housing design
- Easy communication via Bluetooth
- Rechargeable battery for better environment
- Hands-Free design with extendable antenna - convenient to use
- Easy to configure by using App software
- Compact & hands-free design with extendable antenna on finger with no need of carrying by hand
- Wireless mechanical design for mobile applications
- Labor cost reduction comparing with traditional inventory management
- User friendly: One touch to switch on/off.
- 3- LED for status indication.
- Light-weight ergonomic design with Bluetooth
- Power-saving mode

Technical specification

Model no.	WBR800
RFID	ISO 15693
Frequency	13.56MHZ
Output power	Maximum 5dBm
Interfaces	Micro USB : USB HID Keyboard interface Bluetooth : Standard SPP , Compatible with Bluetooth specification version 3.0+ EDR
Power supply for charge	5VDC from PC USB
Battery	Rechargeable Lithium-ion Polymer Battery Nominal Capacity: 250 mAH (Typical) Nominal Voltage: 3.7 V Cycle Life: 300 cycles (at least) Low Battery Detect and Built-in Quick Charge Circuit
Reading range	0~ 40 mm (depending on card)
Dimension	Length: 45mm / Width: 38mm / High: 21mm (terminal included)

Physical characteristic

Weight	20 grams (terminal included)
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Environment

Temperature	Operating temp: -0°C ~ 50°C Storage temp: -10°C ~ 60°C Charging temp : -0°C ~ 45°C Discharge temp : -0°C ~ 60°C
Humidity	Operating: 10% ~ 90% non-condensing Storage: up to 90% non-condensing

Safety approval

Approval	CE R&TTE EN 300 330 EN 301 489-1/-3 EN 60950-1	FCC ID PART 15B/C
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preliminary version