

Bluetooth UHF RFID Handheld Reader



AI-RF-BT-MR01 RFID Reader supports Windows, Android, iOS, and other operating systems. During usage, it can be easily plugged in and used instantly, without the need for an external power source or any driver installation. It allows data output to a computer or mobile device, functioning like an automatic keyboard input device.

Product Features

- 915MHz high-frequency Bluetooth card reader, supporting wireless 2.4G and Bluetooth connections.
- Two connection methods: USB wireless and Bluetooth, plug-and-play without the need for drivers.
- Contactless card reading with a maximum sensing distance of up to 50cm (distance may vary depending on the label), increasing work efficiency without physical contact.
- LED indicator lights:
 - White light indicates wireless or Bluetooth connection status.
 - Red light indicates card reading, flashing once to indicate a successful card read.
 - Blue light indicates active card reading mode, flashing to indicate card scanning.
 - Green light indicates the charging status, constantly on during charging and off when fully charged.
- Extended standby time with a built-in 1000mAh lithium battery, fully charged in 8 hours, and capable of up to 1 year of standby time.

Main Parameters

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|-----------------------------|---|
| Operating Frequency | 915MHz |
| Card Reading Type | IOS18000-6C (EPC GEN2) |
| Weight | 50g |
| Dimensions | 90mm × 50mm × 22mm |
| Card Reading Distance | 0~80mm |
| Card Reading Time | < 100ms |
| Card Reading Speed | 0.2 seconds |
| Antenna Parameters | 2dBi circularly polarized antenna |
| Communication Interface | USB |
| Operating Temperature | -20°C~70°C |
| Operating Voltage | 5V |
| Operating Current | 100mA |
| Supported Operating Systems | iOS, Windows CE, Windows 7, Windows 10, Linux, Vista, Android |
| Indicator Lights | 4-color LED |
| Battery Capacity | 1000mA |
| Exterior Colors | Available in black and white (default black) |
| Output Power | 12.5dBm to 26dBm (adjustable via software) |