

# BR-10 UHF Bluetooth mobile reader



## Key features

- Wearable reader
- Reading distance up to 14m
- Removable battery
- Bluetooth communication



V2.0  
Non-contractual datasheet

## General specifications

Dimensions	108 mm × 78 mm × 18 mm
Weight	200 g
Battery	2000 mAh (removable), charging current: 5 V / 1.5 A, charging duration: 2 hours
I/O Ports	USB Type C
Keys	ON / OFF, SCAN
LED indicator	Red indicator will be ON when charging; Green indicator will be ON when device has been fully charged; Blue indicator will be ON when battery is higher than 20%; Blue indicator will flash when battery is lower than 20%; Bluetooth is not paired when bluetooth indicator is OFF; Bluetooth is paired when bluetooth indicator is ON

## Communication

Type C USB	USB connection for data transfer
Bluetooth	Bluetooth (BLE) 5.0

## User Environnement

Operating temperature	-20°C to 50°C
Storage temperature	-40°C to 70°C
Humidity	5% RH - 95% RH non condensing
Protection grade	IP65
Drop Specification	1.2 m dropping on concrete

## Data collection

### RFID UHF

Engine	Module based on Indy E710
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (3dBic)
Power	1W (30dBm, support +5~+30dBm adjustable)
R/W range	Up to 14m (open outdoors)
Fastest reading rate	900+ tags/sec

## Developing Environment

SDK	Android / IOS SDK supported
Sécurité	RFID Encrypted Module (reserve)

## Accessories (optional)



Wrist strap...

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