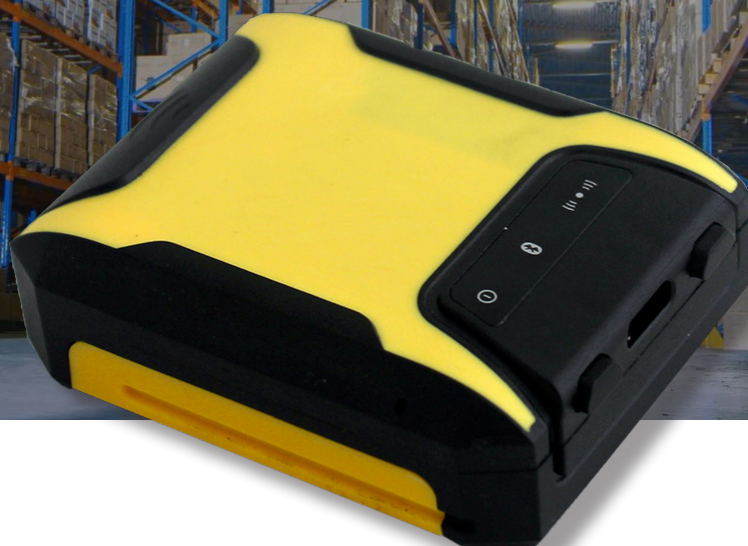


# BR-5 UHF BT reader



## Key features

- Wearable reader
- Reading distance up to 80cm
- Removable battery
- Bluetooth communication

V1.1  
Non-contractual datasheet

## General specifications

MCU	Cortex-M3, 72MHz
Dimensions	50 × 62 × 19 mm
Weight	64 g
Battery	1200 mAh ( removable), charging current: 5 V / 1.5 A, charging duration: 1 hour
I/O Ports	USB Type C
Keys	ON / OFF, SCAN
LED indicator	Red indicator will be ON when charging; Blue indicator will be ON when device has been fully charged; Green indicator will be ON when battery is higher than 20%; Green 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 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	CM-3N module based on Impinj E310
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized Antenna (-2.2dBic)
Power	0.5W (27dBm, support +19-27dBm réglable)
R/W range	80cm

## Developing Environment

SDK	Android / IOS SDK Supported
Security	RFID Encrypted Module ( reserve )

## Accessories (optional)



Smart glove

V1.1

Non-contractual datasheet