UHF

UHF巡检读写器
UHF Patrol Reader
型号Model: R2   MADE IN CHINA

当心激光 Caution, laser
激光辐射，请勿直视光束
Don't Store Directly At The Laser Beam
2类激光产品 Class Ⅱ Laser 630-680nm

power
work
bluetooth

OK

SCAN

UHF RFID Bluetooth Reader

Bluetooth   1D Barcode   2D Barcode   UHF

This is a handheld data collection device with stylish design and incredible performance. It delivers superior UHF reading and writing, barcode scanning, transmits data to the data center via Bluetooth with ease. It can complete tasks in inventory management, asset management, and inspection etc.

Specification

Physical Characteristics

Dimensions	282 x 117.5 x 32 mm / 11.10 x 4.63 x 1.26 in.
Weight	334 g / 11.78 oz. (with battery)
Colour	White
Appearance material	Plastic
Keypad	PWR button (side), up, down, return, ok, SCAN button (front)
Power	Battery specification: 5200mAh removable battery
	Standby: over 70 hours (keeping bluetooth connected)
	Continuous use: up to 6 hours (UHF reading)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
Display	1.77 inch, 128 x 160
Indicator LED	Power, Work, Bluetooth
buzzer	Support
Interfaces	Type-C

Performance

MCU	Cortex-M3
	72MHz
Storage	50000 tags

User Environment

Operating Temp.	-4 °F to 122 °F / -20 °C to 50 °C
Storage Temp.	-40 °F to 158 °F / -40 °C to 70 °C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5 m / 4.9 ft. drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
ESD	±15 KV air discharge, ±8 KV conductive discharge

Developing Environment

SDK	Android / IOS
Tool	Android Studio / Xcode
Language	Java / Objective-C

Communication

Bluetooth	Bluetooth Low Energy (BLE) 5.0

Data Collection

Barcode Scanning (Optional)

2D Imager Scanner	SE2707
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

UHF

Engine	Based on Impinj E710
Antenna	Linear Polarized antenna (4dBi)
Frequency	920-925MHz/902-928MHz/865-868MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Module power	1W (30dBm, support +5~+30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
Max Read Range	26m (Impinj MR6 tag, size 70 x 15mm) 27m (Impinj M750 tag, size 70 x 15mm) 31m (Alien H3 Anti-Metal tag, size 130 x 42mm)
Fastest Read Rate	900+ tags/sec

* Ranges are measured in the open outdoors and low interference environment, and rate is measured in a laboratory low interference environment, they are affected by tags and environment.

Accessories (See details in Accessory Guide)

AC Adapter   USB cable