Wearable RFID Device Smart Glove SIR3522

Features

- Based on the New Generation Impinj E310 reader chip.
- Support EPC global Gen2 (ISO 18000-6C).
- Low power consumption, built-in 1500mAh rechargeable battery, continuous working time of more than 8 hours, meeting the needs of a whole day of work.
- RF power setting adjustable, reading distance is 5-20cm, suitable for short range reading applications.
- When tag is in reading range, the UHF RFID glove will read it automatically, no need extra operation, help worker realize hands-free.
- Communicate through WIFI or Bluetooth two options.
- It is ergonomically designed, comfortable, good for work. Three sizes of S, M, and L options.

Specification

Physical Characteristics	
Dimensions	165mm L x 120mm W x 60mm H
Net Weight	80g
RFID Characteristics	
Air Protocols	EPC Class 1 Gen 2 (ISO 18000-6C)
CPU	ARM Cortex-M4
Chipset	Impinj E310
Frequency	USA: 902-928MHz FCC (NA, SA)
	EU: 865-868MHz (ETSI)
	CN: 920-925MHz (CMIIT)
Antenna	Built-in flexible antenna
Output Power	5dBm-20dBm (±1dBm) adjustable
Application Interface	
Host API	C, C#/.NET, Java
Power Supply	
Battery	1500mAh
Standby Time	9H
Working Time	7H (reading time 50ms, reading interval200ms)
Charge Time	3H

RFID Performance	
Max Read Rate	≥200 tags/s
Tag Read Distance	5-20cm
Communication Interface	
Communications	SIR3522: Bluetooth 4.0(BLE),Connect：IOS、Android 4.3+ SIR3523: Wireless standard:802.11 b/g/n Security mechanism: WEP/WPA-PSK/WPA2-PSK Encryption type: TKIP, AES Wireless network type: AP, AP+STA
Wireless Communication Distance	10m
Indicator light	Power indicator, Tag reading indicator
	Charging indicator, Low battery indicator
Working Environment	
Operating Temp.	-5°C to +45°C
Storage Temp.	-20°C - +60°C
Humidity	5-95% non-condensing (+25°C)

*Specifi cations subject to change without notice.