

## MOBILE RFID GLOVE C9 RED



UHF



Wi-Fi



Bluetooth



## PRODUCT DESCRIPTION

The powerful GLOVE C9 RED is a true revolution in rugged mobile RFID computing with an ergonomical design, ease-of-use and high performance. Based on the new generation Impinj E310 reader chip and capable of reading up to 200 tags per second, this wearable RFID device caters to the high standards of industry 4.0 and IoT applications in demanding environments.

Capable of capturing and extracting data in extrem and remote environments with its IP65 housing and a operating time of up to 7 hours, the iDTRONIC wearable computer is perfectly suitable for industrial and retail applications such as logistics, construction, inventory management and maintenance.

The Impinj-powered GLOVE C9 RED achieves a reading range of approx. 5 to 20 cm and supports the EPC GEN2 (ISO 18000-6C) tag standard for the RFID UHF frequency: 865 – 868 MHz / 920 – 925 MHz.

The GLOVE C9 RED from iDTRONIC offers connectivity wherever you need it. It features security via Bluetooth or WIFI networks and transfers the scanned data at high speeds to the connected system. Beside the hardware, the GLOVE C9 RED offers an extensive range of documentation, a configuration tool and warranty extensions that support your business applications in the best way possible.

### ► APPLICATIONS

- Warehousing
- Logistics Applications
- Access Control
- Asset Tracking

### ► FEATURES

- UHF Reader
- New Generation Impinj E310 IC
- 1500 mAh Li-Ion Battery
- Bluetooth | WiFi
- Reading Range: 5-20 cm
- Supports EPC GEN2 (ISO 18000-63)
- LED Indicator Lights
- Ergonomic Design
- Three Sizes (S,M,L)
- SDK Included

### ► RFID OPTIONS

- UHF (EPC C1 GEN2 | ISO 18000-63)

## TECHNICAL DATA

### PHYSICAL CHARACTERISTICS

Dimensions in mm (L×W×H)	170 × 105 × 35 (S) 180 × 110 × 35 (M) 190 × 115 × 35 (L)
Weight	80 g
Indicator Light	LEDs - Power / Label Read / Charging / Low Battery
Sizes	Small, Medium, Large

### PERFORMANCE CHARACTERISTICS

CPU	ARM Cortex-M4
Chipset	Impinj E310
Antenna Connect	Built-in flexible antenna
Output Power	+5 - 20dBm adjustable in steps of 1dB

### USER ENVIRONMENT

Operating Temperature	-5 °C to +45 °C
Storage Temperature	-20 °C to +60 °C
Humidity	5 % RH to 95 % RH (non-condensing)

### PROGRAMMING ENVIRONMENT

SDK	Online available
Language	C, C#/.NET, Java

### COMMUNICATION

Bluetooth	Bluetooth 4.0(BLE), system support: IOS, Android 4.3+
WLAN	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	10 Meters

### POWER SUPPLY

Battery	1500 mAh
Standby time	9 Hours
Working Time	7 Hours (Reading time 50 ms, reading interval 200 ms)
Charge Time	3 Hours

### RFID UHF READER

Frequency	865 – 868 MHz (ETSI/EU)   920 – 925 MHz (FCC/US NA)
Reading Rate	≥ 200 tags/s
Reading Ranges	5 - 20cm

### SUPPORTED STANDARDS | TAGS

ISO 18000-6C	Standard ISO 18000-63 (EPC Class 1 Generation 2) E.g.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.
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## PRODUCT PICTURES



## ORDER CODES

VERSIONS	ORDER CODES
RFID GLOVE C9 RED - Bluetooth - L	R-HH-C9R-GLOVE-BT-L
RFID GLOVE C9 RED - Bluetooth - M	R-HH-C9R-GLOVE-BT-M
RFID GLOVE C9 RED - Bluetooth - S	R-HH-C9R-GLOVE-BT-S
RFID GLOVE C9 RED - WiFi - L	R-HH-C9R-GLOVE-WIFI-L
RFID GLOVE C9 RED - WiFi - M	R-HH-C9R-GLOVE-WIFI-M
RFID GLOVE C9 RED - WiFi - S	R-HH-C9R-GLOVE-WIFI-S