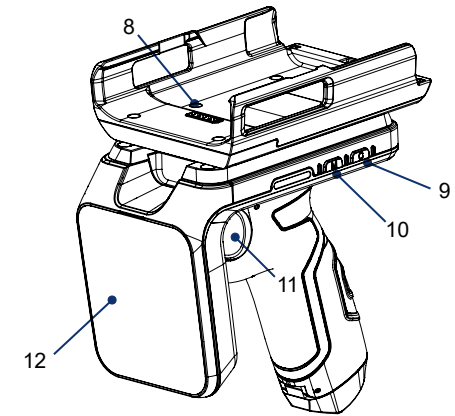
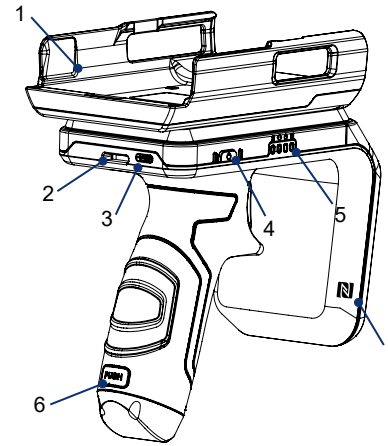


Quick Start Guide

RF900



Device Parts

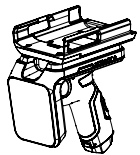


1. PM90 retention fixture
2. Hand strap hole
3. USB Type C connector
4. Power button
5. LED indicator
6. Battery release button
7. NFC Tag

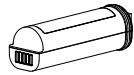
8. PM90 connector
9. Connect mode change button
10. Trigger mode change button
11. Trigger button
12. UHF RFID Antenna

V03 November 2021
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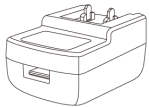
Standard Package



RF900



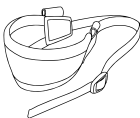
3,250mAh Battery



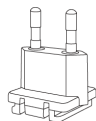
5V / 2A Power Adapter



USB Type C Cable



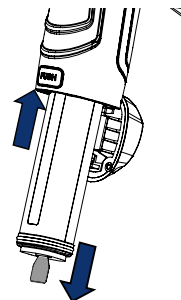
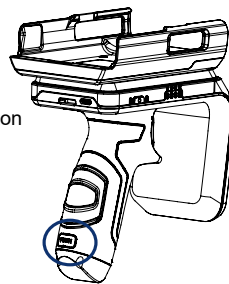
Hand Strap



AC Plug

Battery Replacement

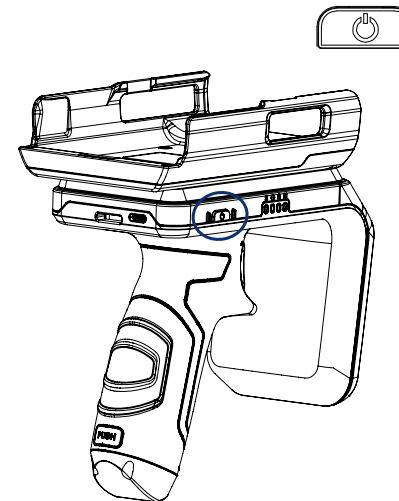
1. Press Battery release button on the back of the handle to open the battery cover.



2. Remove the battery by pulling the strap and replace the battery. Then, close the cover firmly.

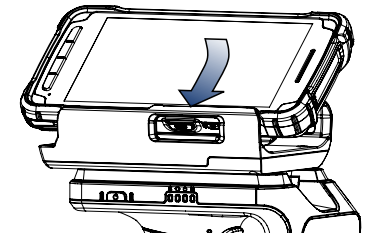
Turn On / Off Device

To turn on or off the RF900, press and hold the power button at least 2 seconds.

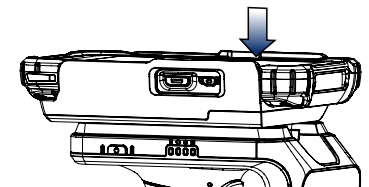


Install PM90

1. Insert the PM90 into the retention fixture of RF900 from the left or right side first.



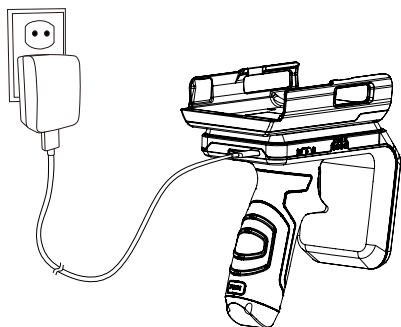
2. Push the other side of the PM90 down firmly.



3. To remove, hold the RF900 and pull up one side of PM90.

Charging the device

Using power adapter

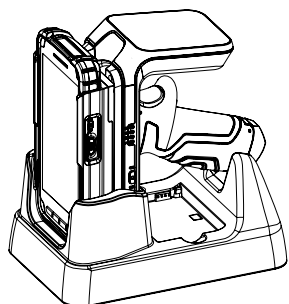


1. Assemble the power adapter and USB type C cable.
2. Connect the cable to RF900's USB connector.
3. Plug the power adapter to power outlet.

<Note>

When adapter is connected to RF900 with PM90 mounted, only RF900 is charged.
(In case of connecting to PM90, charge PM90 first, and after PM90 is fully charged, RF900 will be charged.)

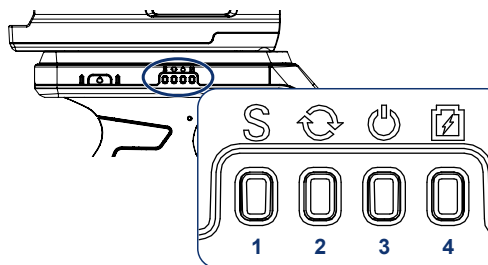
Using cradle (SSC)



Charge RF900 with PM90 mounted through the cradle cradle, SSC (sold separately).
Place the device into the cradle as shown in the figure above.

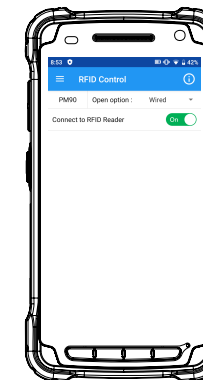
With cradle, PM90 and RF900 will be charged at the same time.

LED Indicator



1	Trigger-Mode LED	Turned off	UHF RFID mode
		Solid red	Barcode scan mode
2	Connect-Mode LED	Turned off	Wired communication mode
		Solid red	Bluetooth communication mode
3	State LED	Solid red	Power on
		Solid green	Bluetooth or Wired Connected
4	Charging LED	Solid red	Charging RF900
		Solid green	RF900 is fully charged
		Alternately blinking red & green	Battery fault
		Blinking red	Low battery / Charging temperature is too high or low

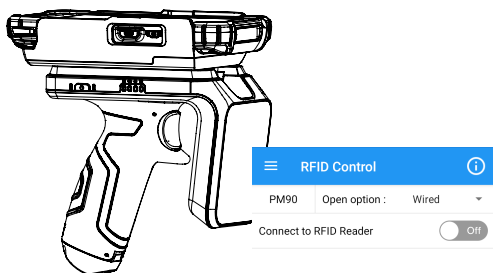
RFID Control Application



Using RFID Control app, connect RF900, and update the configuration and firmware of RF900. RFID Demo app which demonstrates RFID reading function is included.

Download the app and firmware from Service Portal and install on PM90.

Connect with PM90 (Wired)



Wired communication is a default connect mode for RF900 and PM90.

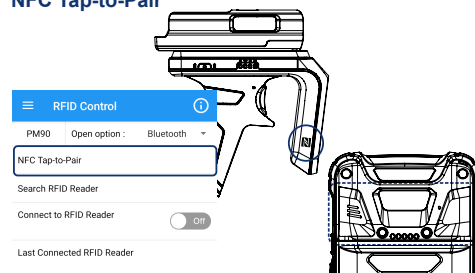
1. Install PM90 to RF900.
2. Launch **RFID Control** and tap **Connect to RFID Reader** toggle switch.
3. When the devices are connected properly, the State LED will light up green.

<Note>

Make sure the Connect-Mode LED is turned off (Wired connect mode) before connecting the devices.

Connect with PM90 (Bluetooth)

NFC Tap-to-Pair



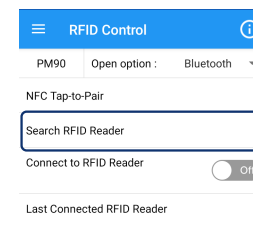
1. Press connect mode change button until Connect-Mode LED turns to solid red. (Bluetooth mode)
2. Change **Open option** to **Bluetooth** in RFID Control and tap **NFC Tap-to-Pair**.
3. Align each device's NFC tagging area (marked on above figure) close together.
4. Check if the State LED lights green.

<Note>

If RF900 is already connected as wired connection, disconnect it before changing connect mode.

Connect with PM90 (Bluetooth)

Search RFID Reader

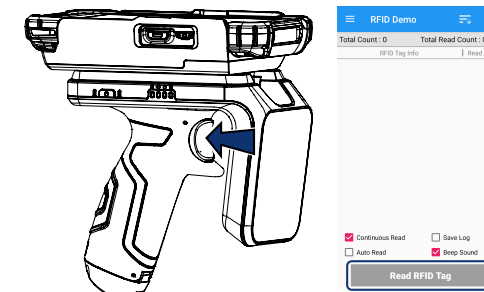


1. Press connect mode change button until Connect-Mode LED turns to solid red (Bluetooth mode)
2. Change **Open option** to **Bluetooth** in RFID Control and tap **Search RFID Reader**.
3. Select an RF900 to connect.
4. Check if the State LED lights green.

<Note>

If RF900 is already connected as wired connection, disconnect it before changing connect mode.

Read RFID Tag



1. Connect RF900 with PM90.
2. Aim the RF900 to the RFID tag.
3. Press the trigger button of RF900 or tap **Read RFID Tag** button of RFID Demo app to read RFID tag.