How to Connect PM85 to RF850 on RFID Sample App

> ⊘ RFID Sample App is just a sample for developing the RFID app.
>
> If you want to use Point Mobile's RFID readers, must use the RFID Control app. You can download the app from Service Portal.

To use PM85 to scan RFID tag, you should connect PM85 to RF850 via Bluetooth.

This article describes the process of Bluetooth connection with RFID device.

APPLIES TO

PM85 Android Image version : 85.04 or above

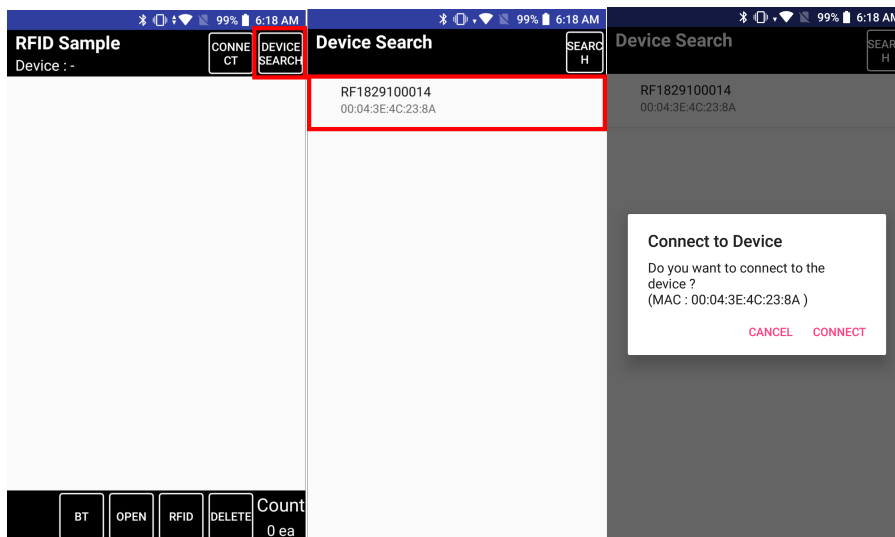PM85 SDK version : 3.23.0 or above(PM85_SDK_V3.22.0₩sdk₩samples₩RFIDSample)

How to connect PM85 to RF850?

1   Turn on Bluetooth on PM85
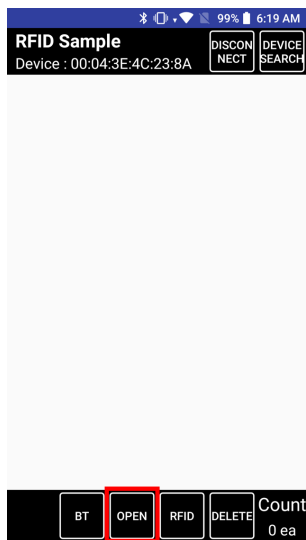
2   Tap 'Device Search' button to search and connect the RFID device for Bluetooth communication
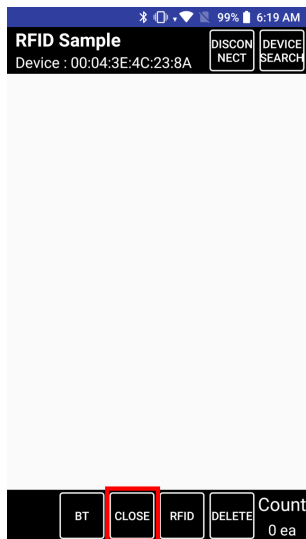

3   Tap 'Open' button to connect the RFID device for executing scan feature
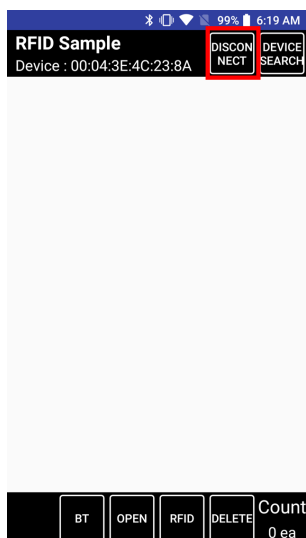
How to disconnect the devices?

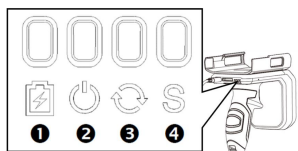**1** Tap 'Close' button to disconnect the RFID device

2 Tap 'Disconnect' button to completely disconnect the Bluetooth communication

You can check the Bluetooth connection status with RF850 LED indicator. Please refer to picture and table below.

RF850 LED Indicator

1. Charging LED	Solid Red	Battery is charging
	Solid Green	Battery is fully charged
2. Power LED	Solid Red	Power is On
	Blinking Red	Power is low
	Solid Green	BT is connected
	Blinking Green	BT is connected and power is low
	Solid Orange	USB connected to PC
	Blinking Orange	USB connected to PC and power is low
3. Mode LED	Red	BT SPP connected
	Green	BT HID connected
	Orange	Connected to BT pairing app or USB connected

4. Status LED	Red	UHF RFID ready
	Green	Barcode scan ready

If all LED indicators except charging LED blinking at the same time, it indicates the battery is too low to turn on the reader.

In this case, charge the reader enough.

If you connected PM85 and RF850 correctly, the power LED lights solid green and the mode LED lights red

If you open the connection, the power LED lights solid green and the mode LED turns to orange

Bluetooth Connection and Disconnection with RFID device must be followed the process below. If you have a problem, please check if you miss some steps of the process.

Connect Bluetooth → Open Connection → Close Connection → Disconnect Bluetooth

---

ⓘ **RELATED ARTICLES**

- Charging PM75/PM90 & RF750/RF900
- Charging RF850, RF800
- Connect RFID Readers
- RFID Development - RFID Sample
- Get RFID Tag Data to PC (Preview)