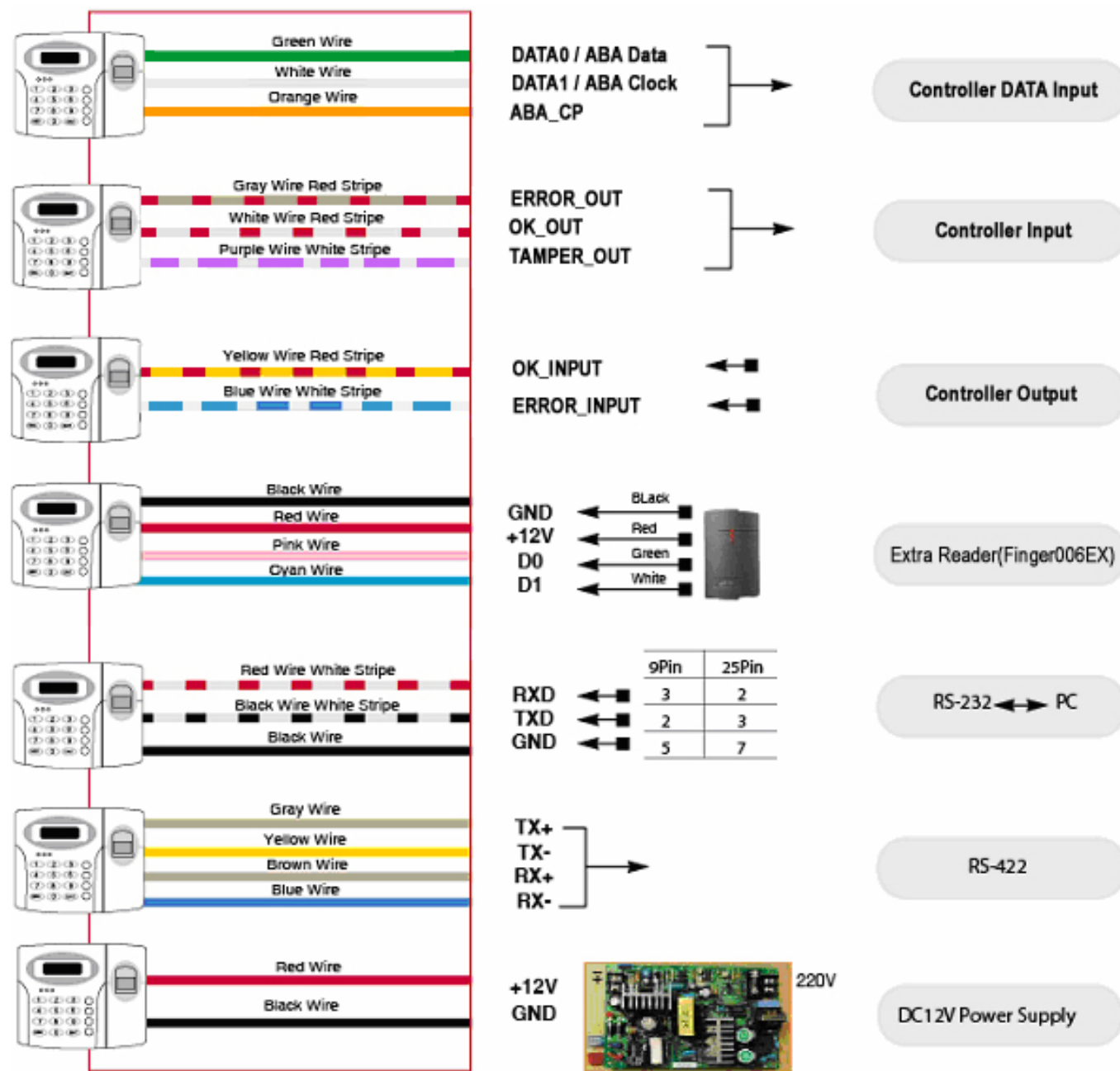


## 1. Check Environment

### 1.1 Check the power source.

Before connecting, check the input voltage if it is right as DC12V/350mA.

### 1.2 Connection Diagram



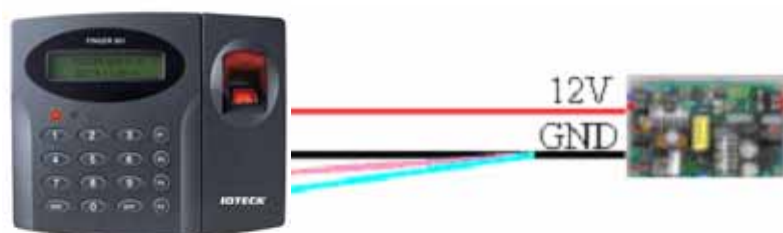
## 2. Setup Hardware

### 2.1 Backup Battery setup and Hardware Initialization

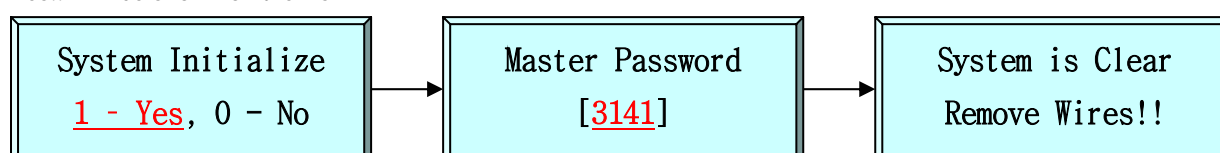
- a. Please check the back panel of the device if the back-up battery's DIP-switches are ON as shown below. If not so, please set them ON.



- b. Connect those three wires (Pink, Cyan, and Black) together, and then turn the power on.



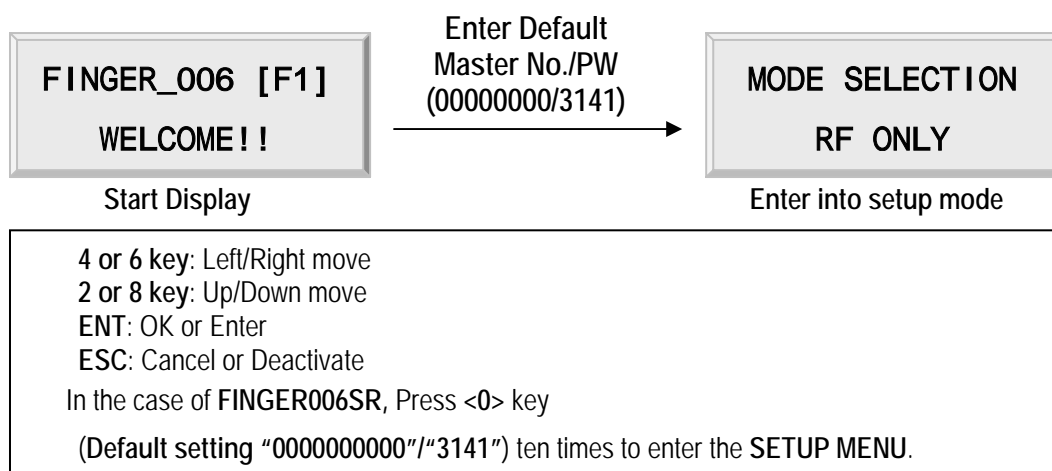
- c. The message "System Initialize" will be shown on the LCD.  
 d. Press "1" to choose "Yes" and enter the initial master password ("3141") then the message "System is Clear Remove Wires!!" will be shown on the LCD.



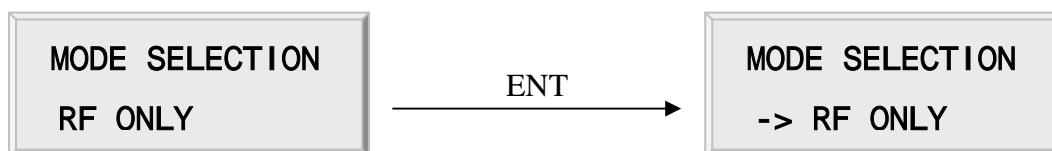
- e. Disconnect those three wires and wire them as normal connection diagram as before.



## 3. Setup Controller parameter



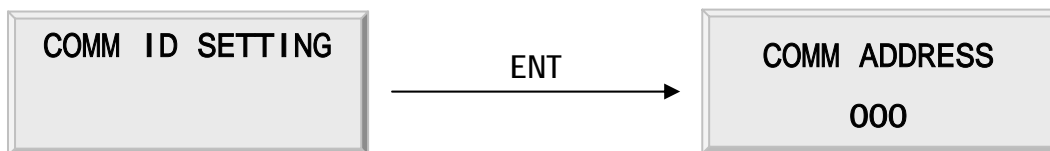
3.1 Mode setting (F1 Menu)



Display for Mode Selection

RF Only: Card or PIN  
 RF + FINGER (P/W): Card (or PIN) + Fingerprint (or Password)  
 RF + P/W + FINGER: Card (or PIN) + Password + Fingerprint.

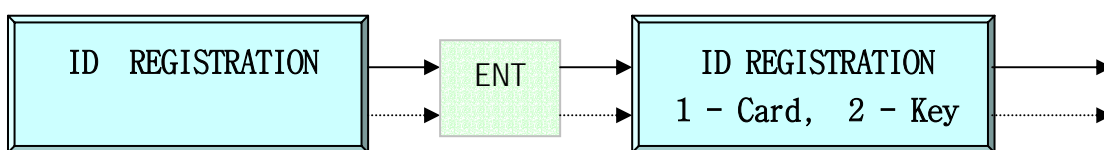
3.2 COMM Address setting (Select "COMM ID SETTING" Menu by 4 or 6 Key)



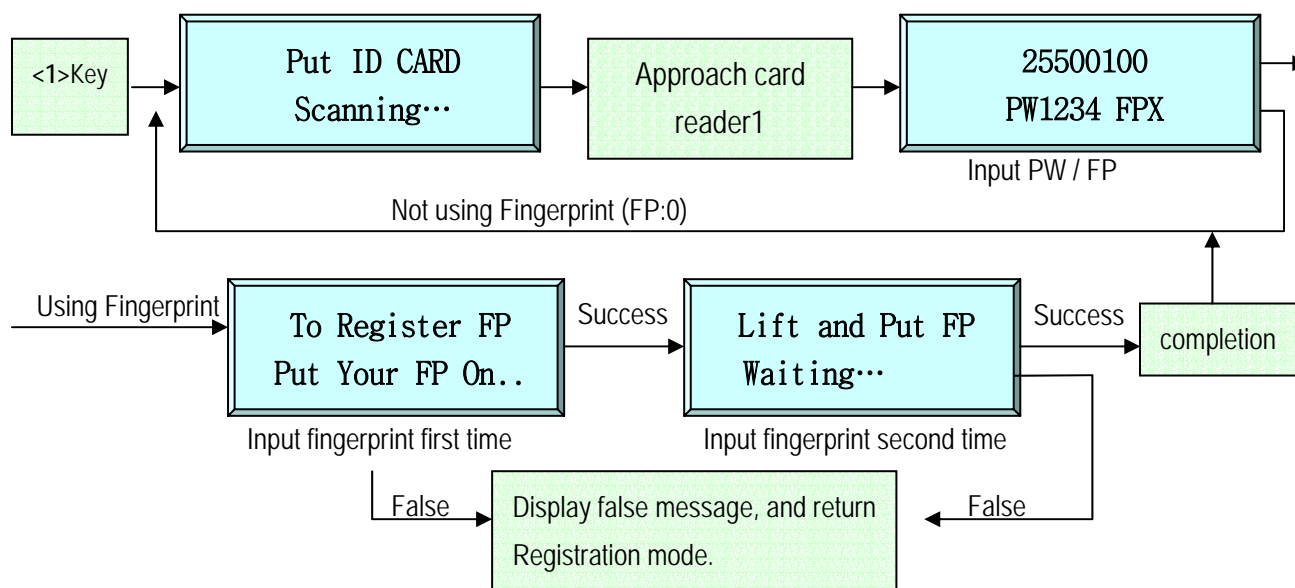
Display for COMM Address

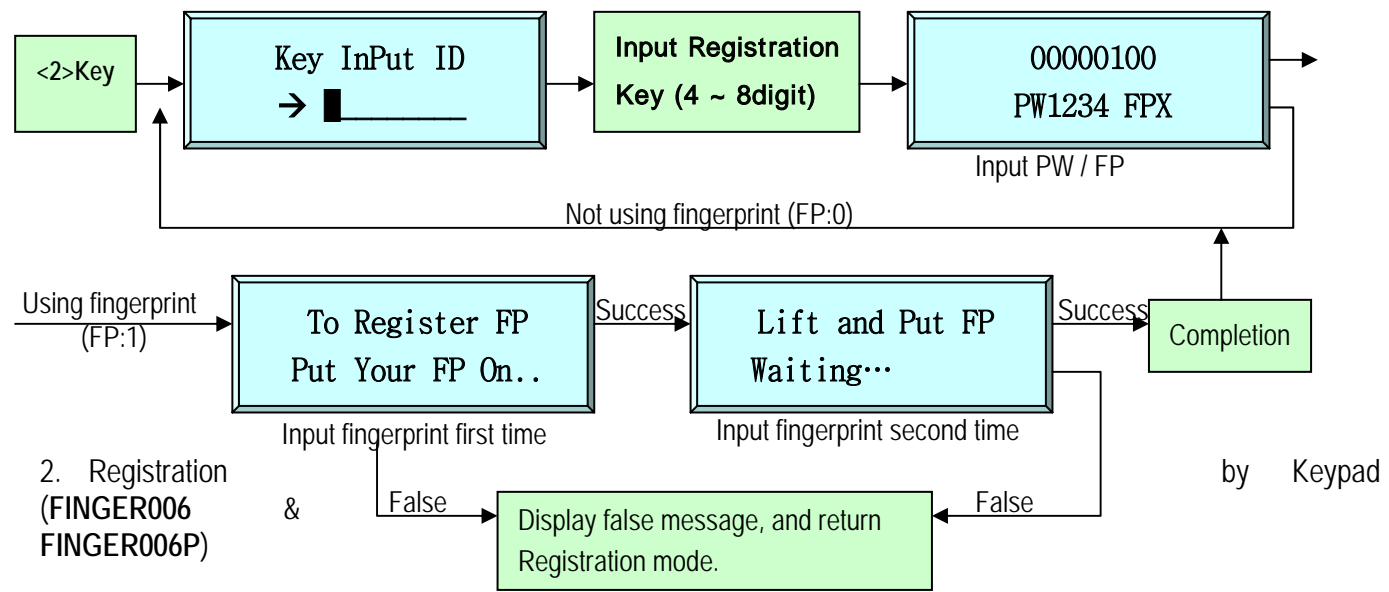
Press ENT again and enter the address No (000-255) for communication address.

3.3 Card Registration (Enter F3)



1. Registration by RF Cards (FINGER006 only)

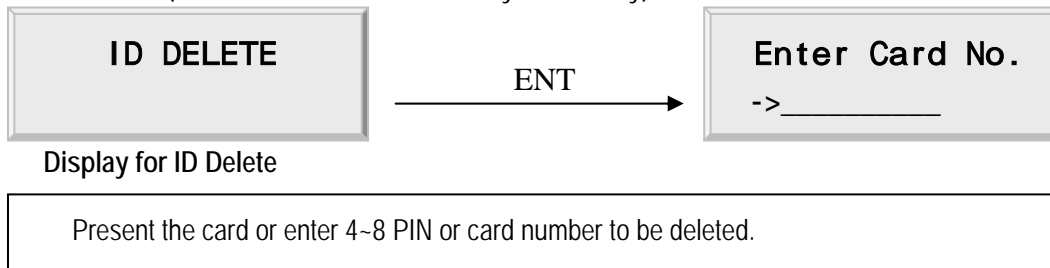




3. After completing the ID Registration, return to the initial display by entering <ESC> Key.
4. When registering more than one ID, register the first ID and then continuously register the other IDs.
5. If the ID number has a fingerprint already, in case of re-registration, the current fingerprint should be scanned first.
6. It is not possible to register using RF card in FINGER006P.

PW: 4-digit password  
 FP: Fingerprint flag  
 1-Use Fingerprint, 0-Not use Fingerprint

3.4 Delete Card (Select "ID DELETE" Menu by 4 or 6 Key)



## 4. Normal Operation

### 4.1 Power ON

When the Power is applied to the **FINGER006**, the RED LED is turned on.

### 4.2 Registered Card Reading

When a registered card (or PIN) is read, the GREEN LED will be on for 3 seconds (Defaults), and the ID data will be output through Wiegand or ABA Track II output line.

In case of "EXTENSION MODE"(OUTPUT TYPE), OK Signal (Low active, open collector) will be generated with the ID data at the same time.

In case of "STAND ALONE – NOT USE"(TYPE SELECTION), Finger006 outputs ID data. And then it waits to get the response of the controller (OK or ERROR) so that it decides the final verification.

### 4.3 Alarms (unregistered/password/fingerprint ERROR)

When an unregistered card is read, or any wrong password is input, or any wrong fingerprint is input, the access is denied and the YELLOW LED will be activated for 3 seconds (Defaults).

In case of "EXTENSION MODE"(OUTPUT TYPE), ERROR Signal will be generated (Low active, open collector) with the ID data at the same time.

