# GIANT PRO

**User Guide**
**STD_REV1.0**

GIANT PRO

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# Contents

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# Intro

## ◎ What is GIANT PRO?

○ **GIANT PRO is using NFC Function enabling users to connect between Smart Phone and GIANT PRO. This will enhance usability of GIANT PRO with the help of Application, providing a variety of functions**

○ **GIANT PRO APP Operation Environment**

- Requirement of HW

  - Android Smart Phone embedded NFC

- Operating System

  - Android JellyBean, KitKat, Lollipop or later

○ **SAM4S PRINTER MODEL**

- GIANT PRO

## ◎ How to install GIANT PRO APP

○ **How to install (No.1 Easy Installation Mode)**
①Configure NFC Function from User's Smart Phone into Read/Write, P2P Mode (not workable in a Card Mode)
②Tag the back of Smart Phone on NFC Logo at the cover of GIANT PRO while the screen of smart phone is on
③If NFC is well recognized, Giant APP Installation Screen from Google Play Store runs automatically.
  (if APP is already installed, APP runs automatically)
④Press the Installation Button on Installation Screen, then it will be installed in User's smart phone.

○ **How to install (No2. Manual Installation Mode)**
①Run Google Play Store from User's Smart Phone

②In Search Bar, insert "GIANT PRO NFC" and search it

③After a search, choose "GIANT PRO – NFC Utility" from the list
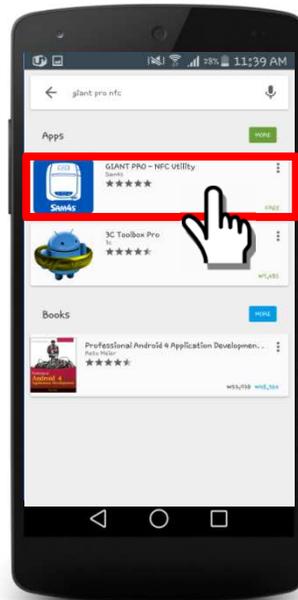
④Press Installation Button for GIANT PRO APP to be installed

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# Intro

## ◎ **Main Menu**
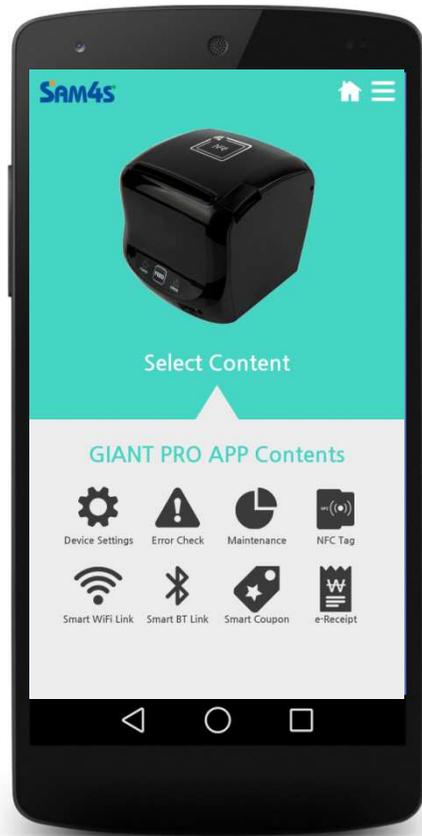
- When running APP, above screen will appear

### ○ **APP Execution**

- When installs APP, The Icon(shown left) appears. and select it to run APP. (when try to run APP, if NFC is not set up, then there will be a pop-up window for set-up. Then click OK to set up the NFC Function for further process of APP)

### ○ **Top Menu**

- Return to Main Menu

- Slide Bar Menu
  - APP Version
  - User Manual
  - Homepage
  - Help

### ○ **Main Menu**

**Device Settings**
- Providing Functions to change setting values / parameters of GIANT PRO

**Error check**
- Providing Error Check, Trouble Shooting when having problems

**Maintenance Report**
- Providing information for maintenance of GIANT PRO

**NFC Tag Setting**
- Set-up for GIANT PRO NFC Tag function

**Smart WiFi Link**
- Set-up for GIANT PRO WIFI I/F

**Smart BT Paring**
- Set-up for ELLIXBLUE Paring (if mounting ELLIXBLUE)

**Smart Coupon**
- Coupon Issuance Demo

**e-Reciept**
- E-Receipt Issuance Demo

**Provision of S D K is available for development of above functions**

# Device Settings

## ⚙ Config the setting values

• This provides a function to change setting values, enabling easy and fast set-up.

①In Device Settings Menu, Run a Config the setting values
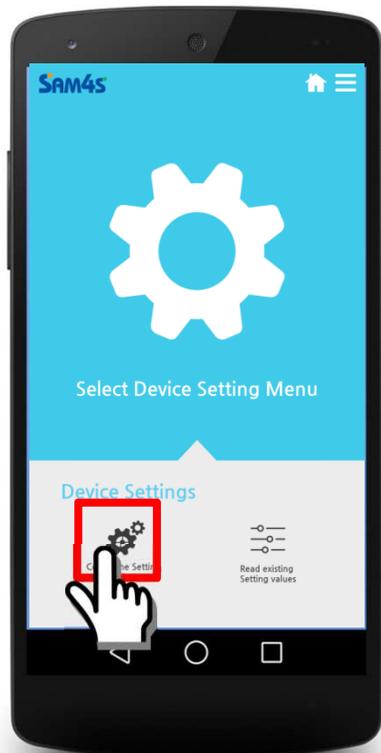
②Change setting values you wish to change on a Setting screen. After completion of setting, touch the upper screen
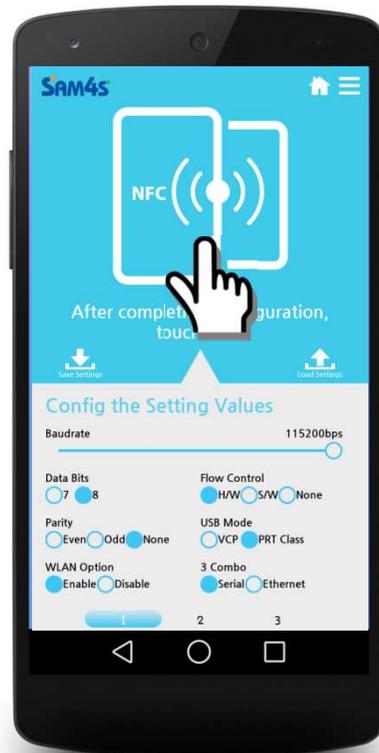
③If the message "Tag on GIANT PRO" appears in the middle of screen, then tag a smart phone on Printer
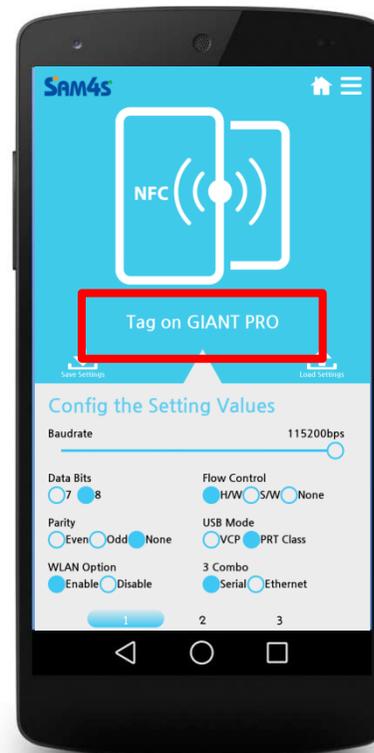
④When the message "Writing completed" appears while tagging the smart phone on the Printer, then tag the smart phone off Printer.
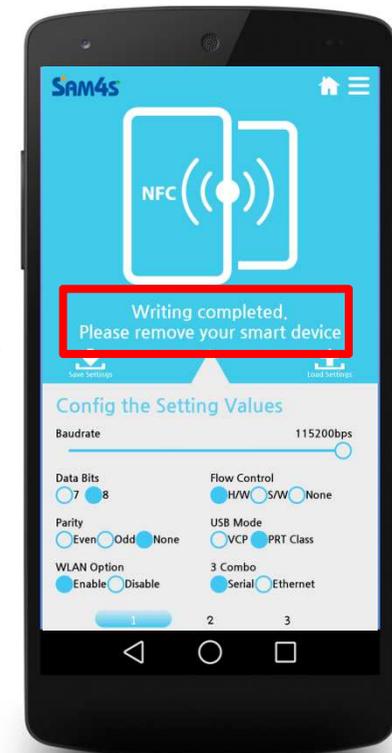


⑤When the setting is well done GIANT PRO prints self-test page after reset.

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# Device Settings

## Read existing setting values

- This enables you to read all setting values that GIANT PRO already set up
- It is useful to utilize this function when you try to change some of current setting values

①In Device Settings Menu, Run a Read existing setting values

②If the message "Tag on GIANT PRO" appears in the middle of screen, then tag a smartphone to Printer

③ After tagging on, It will show current values
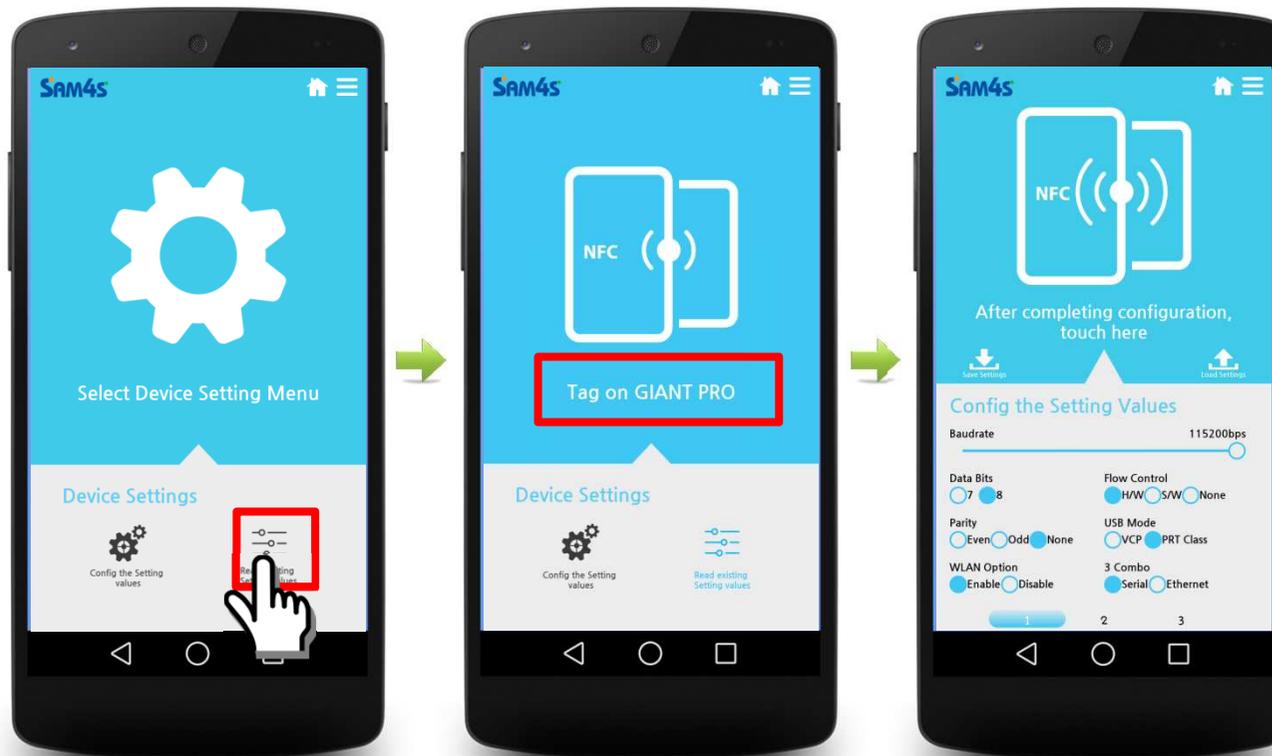
# Device Settings

## ⬍ Save/Load Settings

- It is able to save and load setting value of GIANT PRO.
- It is useful to set the same setting value for many GIANT PROs.

**Save Settings**
In Config the setting values, set the each setting values, then select the Save Settings. The setting values are saved.

**Load Settings**
In Config the setting values, if you select Load Setting, the saved setting values are on screen.
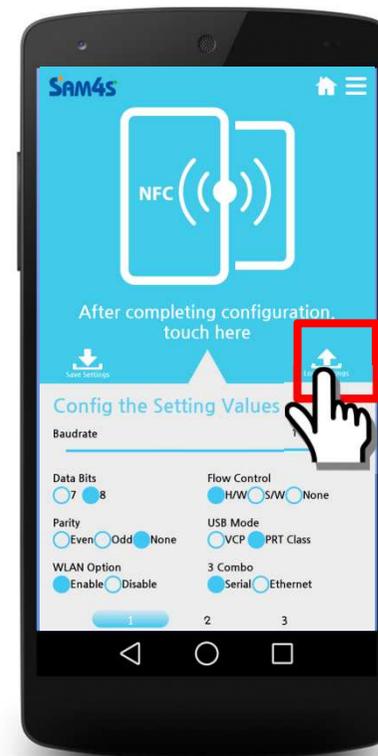
# Error Check

## ⚠ Error Check

- It is able to check Error message while using GIANT PRO if error is generated.
- It will give the types of error and its troubleshooting.

① When generated error, run Error Check, then if the message "tag on GIANT PRO", is shown, tag on smart phone to the printer.

②After tag the device on, it will show the types of error and troubleshooting for each case.

# Maintenance Report

## Maintenance Report

- It provides maintenance report of GIANT PRO.
- In case of WLAN or LAN interface, Mac Address information will be displayed.

① After running Maintenance menu, if the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.

② After tagging on the smart phone, you can check current maintenance report and Mac Address of printer.

# NFC Tag

## ◈ What is NFC Tag?

- GIANT PRO provides NFC Tag function. It supports many useful functions to the customers through it.
- When setting NFC Tag function provided by GIANT PRO APP, the customer has no need to install APP. By tagging on smart phone which supports NFC to GIANT PRO, the customer can use the services.

## 🌐 URI

- It is a function to support Web Link such as web sites that can be done by NFC Tag.
- Ex) If the shop owner wants to introduce the Shop's web site or event web page to customers

① Run URI in NFC Tag Menu

② Type in preferred web address, then press "Create".
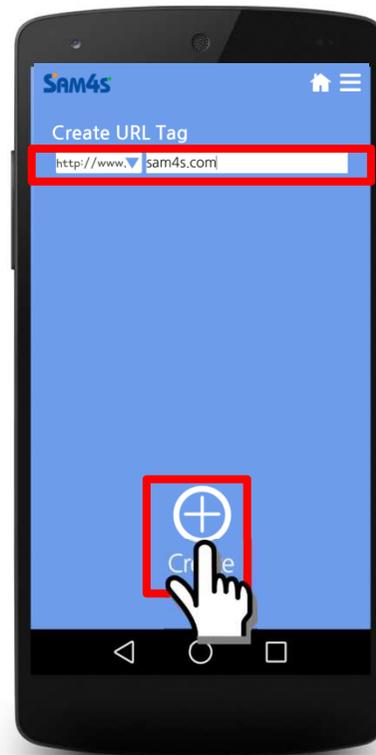
③ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.
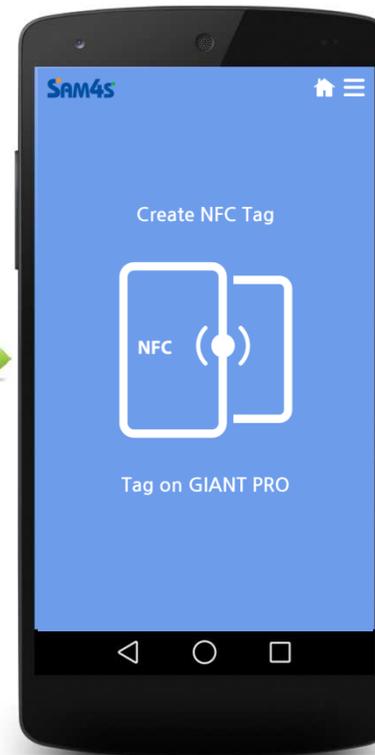
④ After closing APP, check if the right web page is linked when the smart phone is tagged on the printer.

# NFC Tag

## Contact

- This feature allows you to create contact information using NFC Tag.
- Ex) Easily delivering Shop contact information to customers.

① Run Contact on NFC Tag menu.

② Enter the contact information or Import it from contact list and press "Create" button to send Contact Info

③ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.
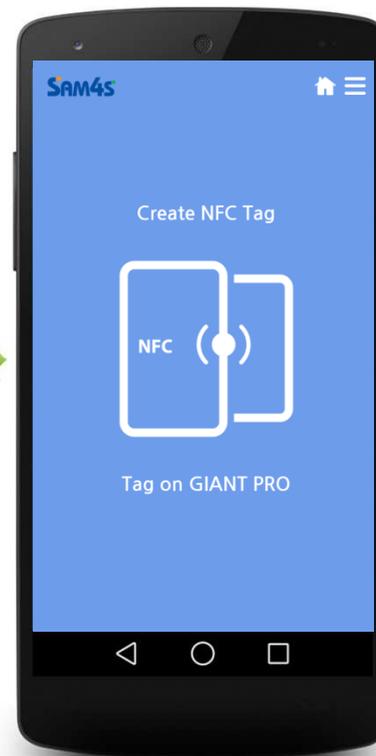
④ Check whether the contact information is properly saved by tagging smart phone on printer after APP termination.
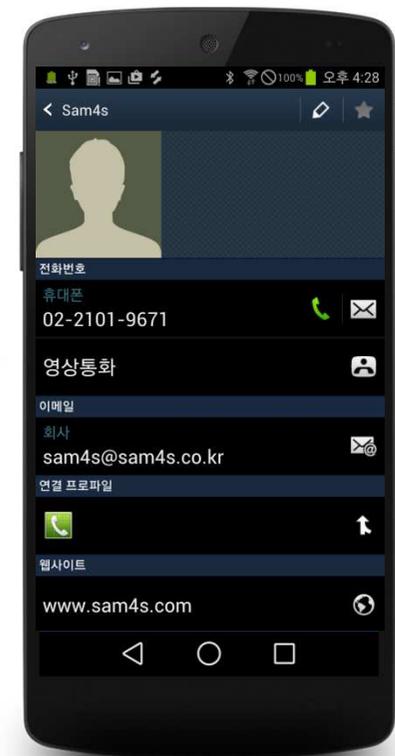
# NFC Tag

## 📶 WiFi

- This feature allows you to set WiFi connection information to NFC Tag.
- Ex) Easy delivering Free WiFi connection information to customers at the Shop.

① Connect your smart phone to WiFi which has connection information to be saved into NFC tag.
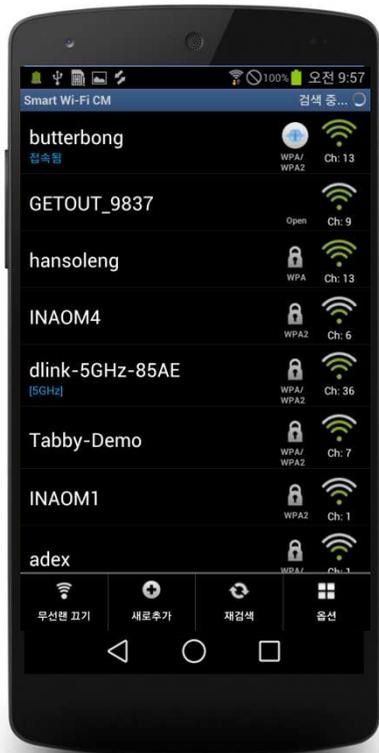
② Run WiFi on NFC Tag menu.
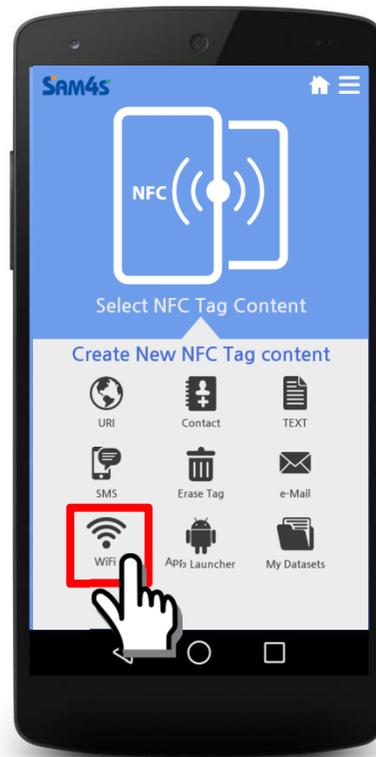
③ Network SSID : SSID from WiFi Device being connected will be automatically inserted Network Key : enter Network Key.
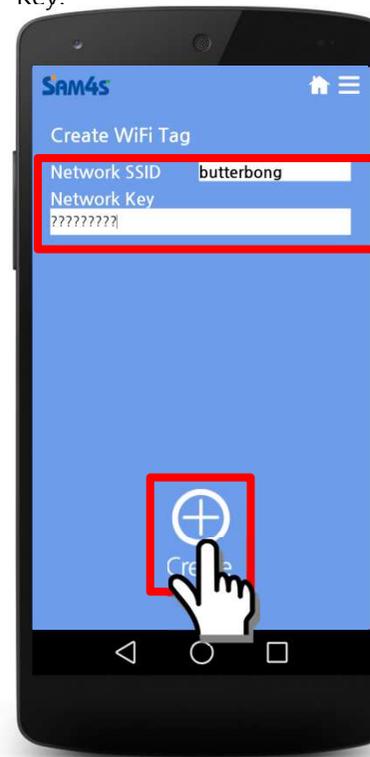
④ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.
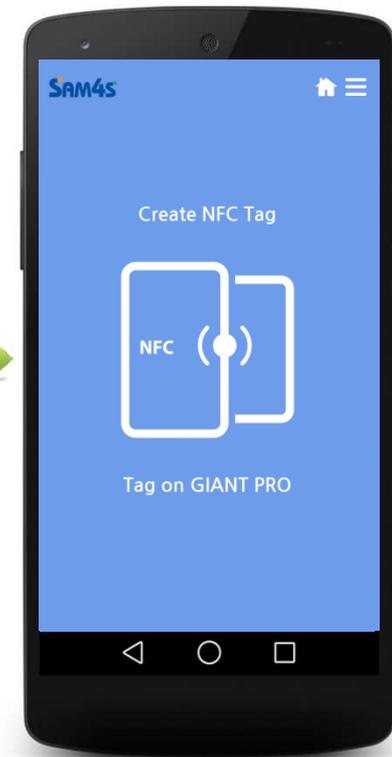
⑤ Check whether the WiFi connection is properly done by tagging smart phone on printer after APP termination.

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# NFC Tag

## ◎ other features.

**TEXT**
- This feature allows you to save the memo/text using NFC Tag.
- Ex) Delivering Discount event, promotion items information to customers.

**App Launcher**
- This feature allows you to set auto-run or to-be-installed APP using NFC Tag.
- Ex) Easy APP operation or APP download from Google Play on Customer's Device at the Shop.

**SMS/e-Mail**
- This feature allows you to run Text Message & Email on Customer's Device.
- Ex) Customer FAQ, customer satisfactory poll etc.

**Erase Tag**
- This feature allows you to erase contents saved in NFC Tag.

**My Datasets**
- This feature allows you to search and re-save the contents you set before using NFC Tag.

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# Smart WiFi Link

## 📶 Smart WiFi Link

- This feature allows you to set the Interface of **GIANT PRO WLAN**.
- Support 2 types of setting mode : Infrastructure Mode / AP Mode.

### - Infrastructure Mode : connecting GIANT PRO to POS Terminal via WiFi.

① Connect your smart phone to WiFi which you want to connect to GIANT PRO.

② Run Smart WiFi Link after starting APP.
Network SSID : SSID from WiFi Device being connected will be automatically inserted
Network Key : enter Network Key.

③ Select Infra Mode, enter IP information, and press "Create" button. (IP auto-allocation : select DHCP, and press "Create" button.)

④ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer. GIANT PRO automatically starts process needed for WLAN settings.
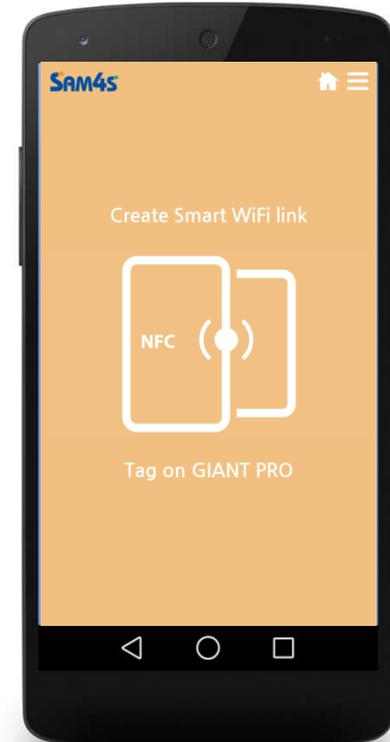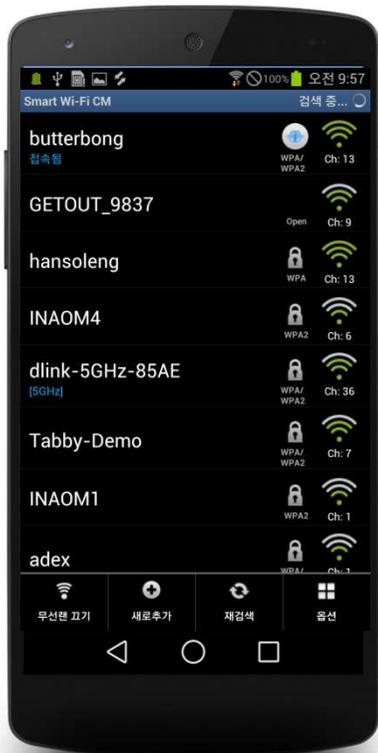
⑤ When settings is correctly done and connected to WiFi, GIANT PRO prints self-test page.

# Smart WiFi Link

## - AP Mode : When GIANT PRO functions as AP (Access Point) and either POS, Tablet or Smart Phone directly connect to GIANT PRO via Wi-Fi communication.

② Enter the information of the AP that you wish to set-up (SSID, IP, Security and etc..) Once you complete the setting, press Create. (if progressing with default setting, select Default and press Create.)

① Run Smart WiFi LinK and Select AP Mode.
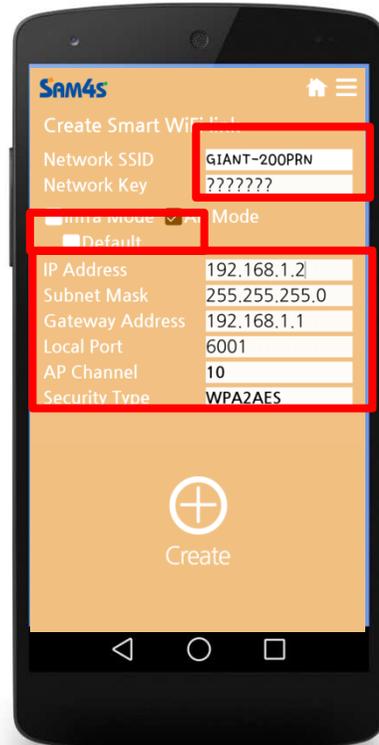
③If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer. After tagging, GIANT PRO will function as Access Point you set before

④ Once you complete the set up and search WiFi, you will confirm the GIANT PRO on list as an AP set by you

## �֍ Bluetooth Pairing

- When GIANT PRO is used with ELLIXBLUE(Bluetooth-Dongle), it supports pairing function with a smart device.
- ELLIXBLUE(Bluetooth-Dongle) must be set as the Slave.

① Run Smart BT Link and when you see below screen, tag the smart phone on the printer.

② After tagging, when you see "Tag on GIANT PRO again" message, tag off the smart device and tag on the printer once more.

③ After tagging, bluetooth Information to be paired will appear as below screen and once you press Create, it will automatically start pairing with smart phone and bluetooth dongle.

④ Once pairing is complete, the pop-up message will appear for Test Sample Print as below screen. Select "Yes" from the pop-up message.



⑤ If pairing is successfully done, select "Yes" and it will print out Test Page from GIANT PRO.

# GIANT PRO Solutions

GIANT PRO supports various solution development with the use of NFC.
(Ex. Issuing Coupon, e-Receipt, Membership Point System and etc.)

○ GIANT PRO APP provides Demo for Stamp Coupon, e-Receipt Function and SDK for them can be provided upon request.
○ If you desire additional function solution development, please contact your dealer.

# GIANT PRO Solutions

## ⬤ Stamp coupon

- Stamp Coupon is a function that issues stamp coupon via GIANT PRO when payment is made at the Shop.
- This function is a demo version and for actual use, solution development is required.
  (Please speak with your dealer regarding solution development.)
- The POS Utility for demonstration, please download it from SAM4S homepage.

① First, issue the stamp coupon from demo utility from POS System that the GIANT PRO is installed on.

② Select Receive Stamp from Smart Coupon menu.
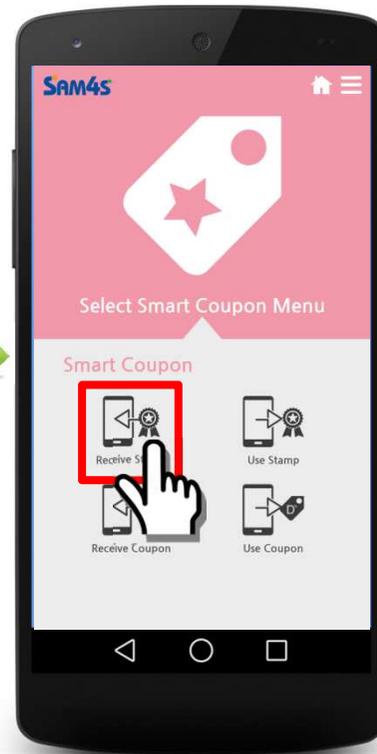
③ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.
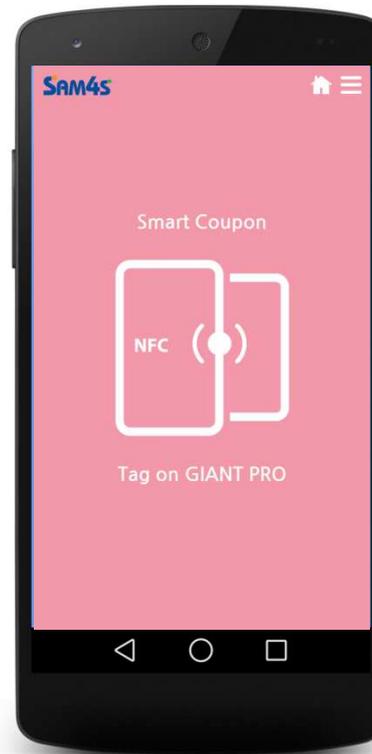
④ After tagging, the number of stamp issued will be saved.
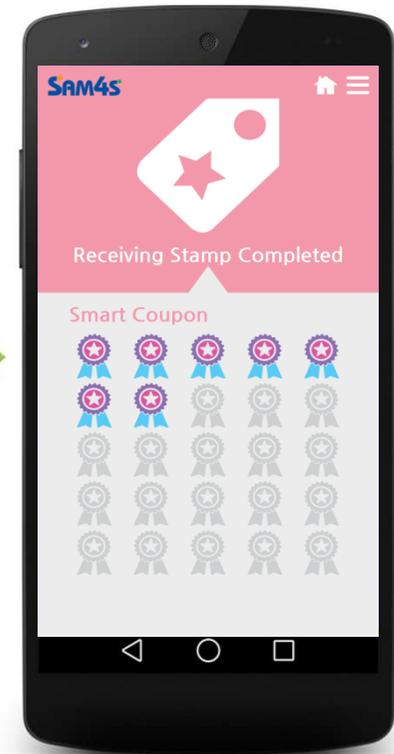


○ Please refer to demo utility for detail information regarding stamp coupon.

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## e-Receipt

- e-Receipt is a function that issues electronic receipt via GIANT PRO when payment is made at the Shop
- This function is a demo version and for actual use, solution development is required.
  (Please speak with your dealer regarding solution development.)
- The POS Utility for demonstration, please download it from our homepage.

① First, issue the e-Receipt from demo utility from POS System that the GIANT PRO is installed on.

② Select Receive an e-Receipt from e-Receipt menu.
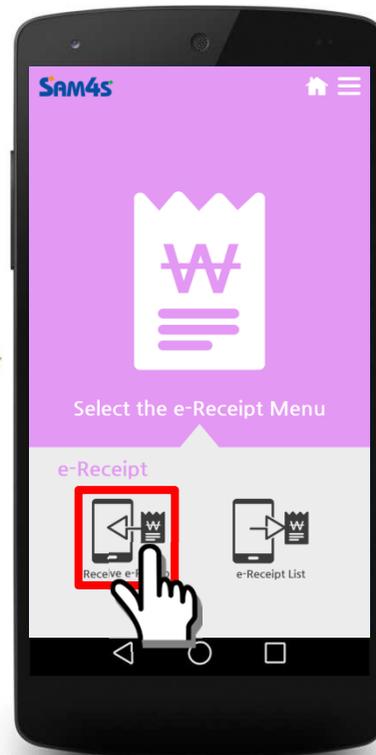
③ If the message "tag on GIANT PRO" is displayed, tag on smart phone to printer.
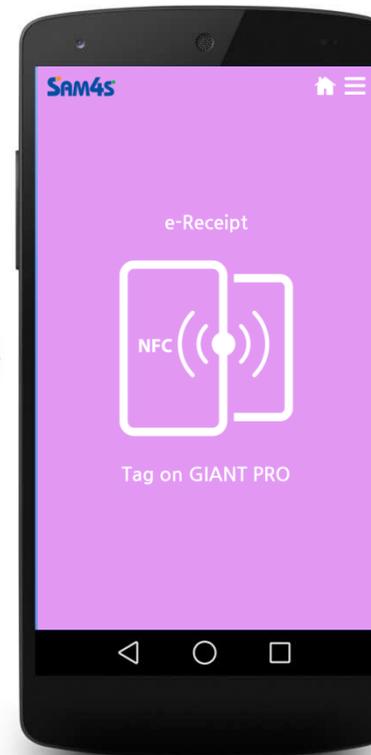
④ The e-Receipt issued after tagging will be saved on the smart phone.
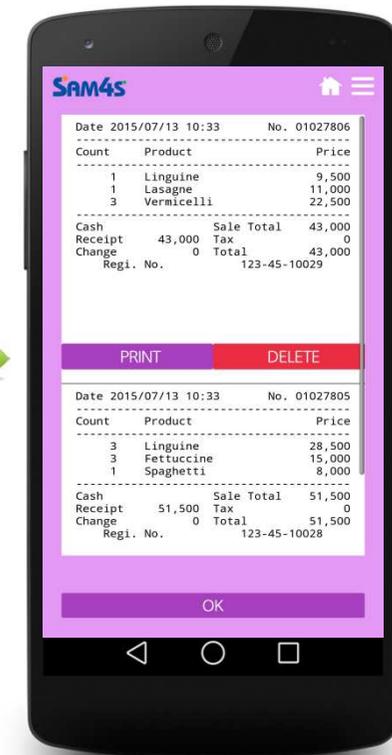


○ Please refer to demo utility for detail information regarding electronic receipt.

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**Store Automation Leader!**