# **Operating Description NP-3100K**

• IEEE 802.11b/g
The WIFI is a modular form.

802.11 b	11, 5.5, 2, 1 Mbps
802.11g	54,48,36,18,9,6 Mbps

WIFI Antenna Type: An RF connected SMA Straight Plug Reverse connector and the maximum gain of the antennas is 2.0 dBi.

## **Using Wireless**

Step 1. The driver is installed properly and look right in the taskbar tray window of a wireless network, wireless LAN utility Windows tray icon is created in order register.



<Check your wireless network properties window tray>

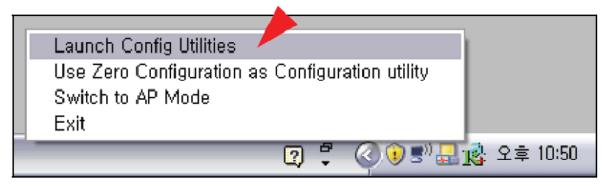


<Wireless Utilities Windows tray, a registration confirmation>

Step 2. Using the wireless utility, a wireless router (or AP) is a way to connect to. Wireless LAN Utility icon in the taskbar, right-click and double. Or by right-clicking on the Wireless Utility icon, click the Launch Config Utilities.

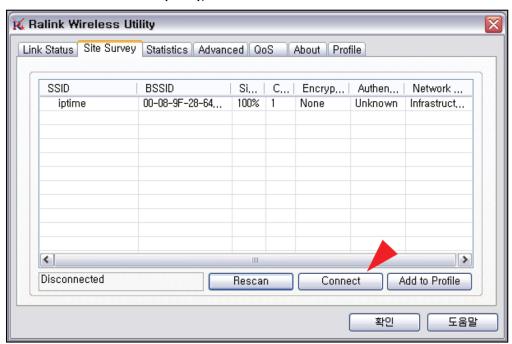


< Wireless LAN Utility icon>

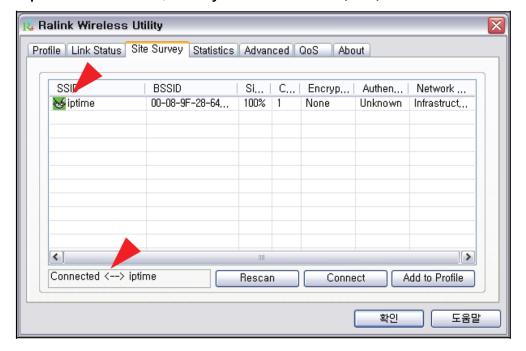


< Running Lanuch Config Utilities>

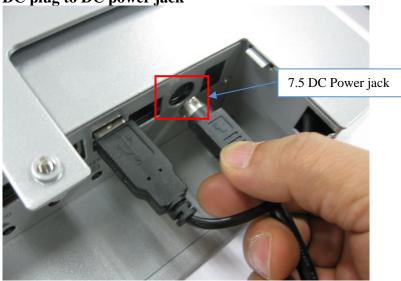
Step 3. Site Survery items you want to connect to a wireless signal from a double click. Or to connect a network name (SSID), select the connect button and then click



Step 4. As shown below, select your network name (SSID) that can be found in the attached.



Operating the system
8.1 Plugging the power cord with the adapter
8.2 Connect the DC plug to DC power jack



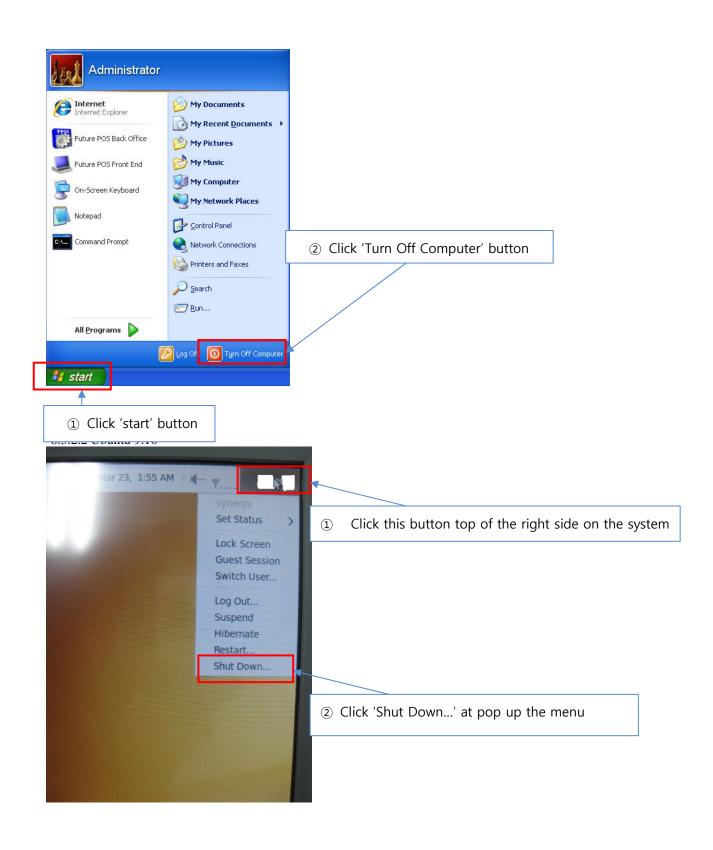
## 8.3 Turn On/Off the system

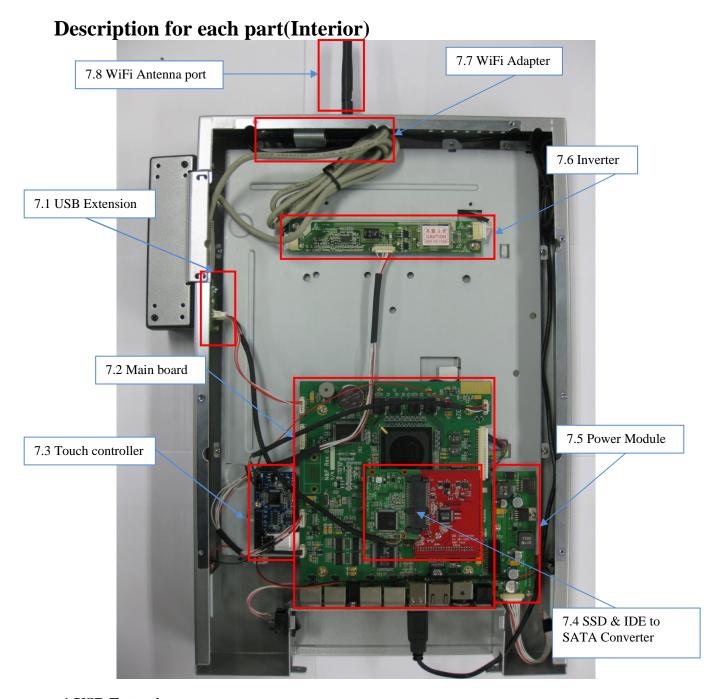
8.3.1 Turn On

Press the power S/W as you see below the picture. The bottom of the right side



8.3.2 Turn Off 8.3.2.1 Widows XP





#### 1 USB Extension

This board is extending a port of USB. Generally it using for connect with MSR

#### 2 Main board

NP-3100K Main board.

#### 3 Touch controller

This device control the touch interface. Communication interface is USB.

#### 4 SSD & IDE to SATA Converter

SSD(Solid State Drive) is replacement for HDD. It has 16GB capacities.

IDE converter is converted IDE data to SATA. It uses for SATA interface devices.

#### **5 Power Module**

Power module converts DC to DC and supplying voltages to main board. Power module receives 24V DC input voltage. It is converted to 12V and 5V DC.

#### **6 Inverter**

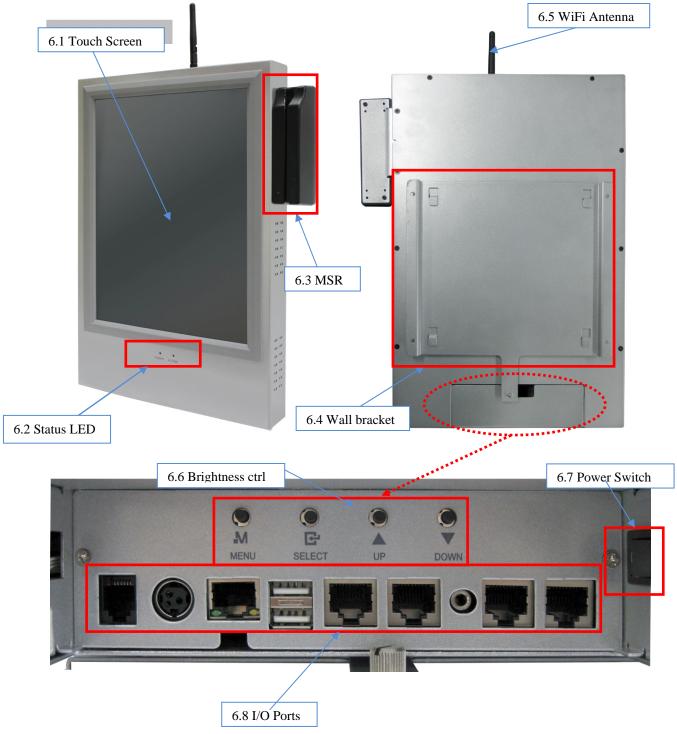
Supplying voltages to LCD BLU

**7 WiFi Adapter** Wireless LAN allows you to use.

### 8 WiFi Antenna Port

Wireless LAN antennas connect here.

# Description for each part



### 1 Touch Screen

1.1 Touch position calibrate(Widows XP)

You can adjust touch position by yourself using the furnishing program. This program can be downloaded from the following web site(www.nnptech.co.kr)

#### 2 Status LED

NP-3100K has two LEDs. LED is shown to system's status.

Blue (left side) LED is show you power status.

Red (right side) LED is show you action of brightness control button.

#### 3 MSR(Magnetic Swipe reader)

MSR can support I/II tracks. But default tracks are I/II track. Third track is option.

#### 4 Wall bracket

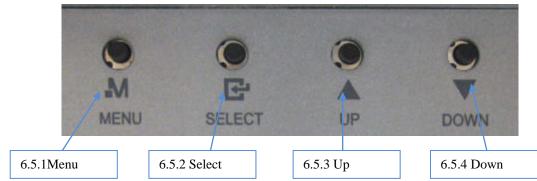
Wall bracket use to fix on the wall

#### 5 WiFi Antenna

Wireless internet Antenna

#### 6 Brightness ctrl

These keys are control the brightness of LCD.



#### 6.1 Menu

To enter adjust LCD brightness (Contact hold 2 seconds after release)

#### 6.2 Select

Exit from adjust LCD brightness menu

#### 6.3 Up

If you want to increase LED brightness at LCD adjust menu. Use this button

#### 6.4 Down

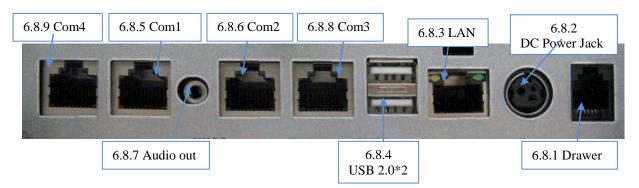
If you want to decrease LED brightness at LCD adjust menu. Use this button

#### 7 Power Switch

This switch use for turn on/off system

#### 8 I/O Ports

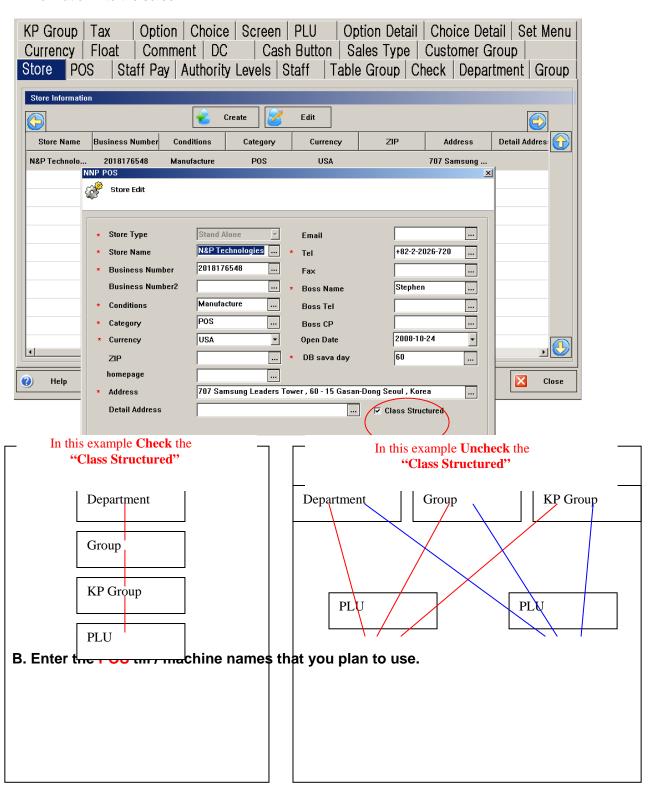
NP-3100K can support various I/O ports.

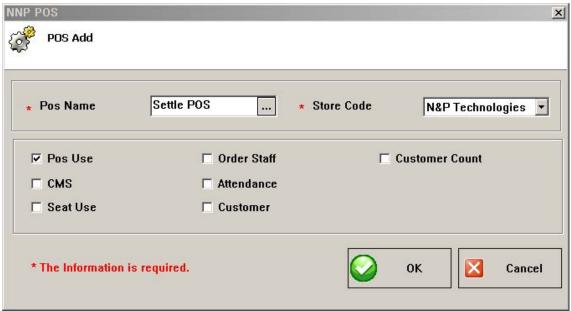


# **Using POS System**

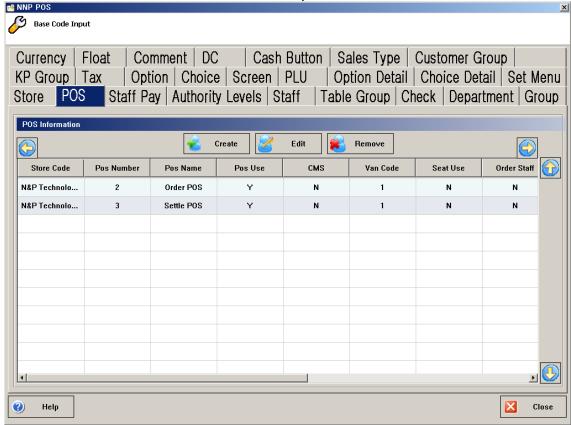
#### A. Enter the Store's information.

- Click the "Create" button to enter the store's information, and then enter the store information into the screen.





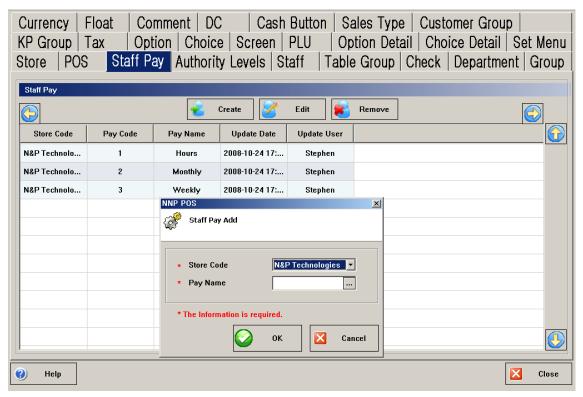
- In this step, you only have to enter the POS name, and check the Pos Use box.
- You need to allocate names to all POS tills when you have more than one POS till.



### C. Create Staff (Clerk) Pay levels.

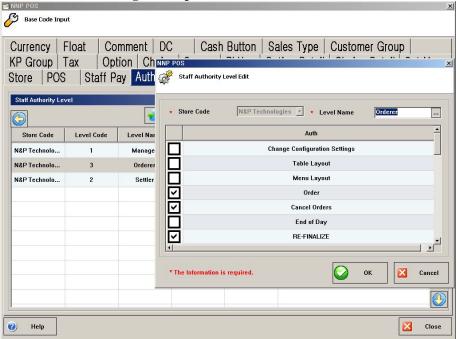
- You can make units of calculation for staff payments here.





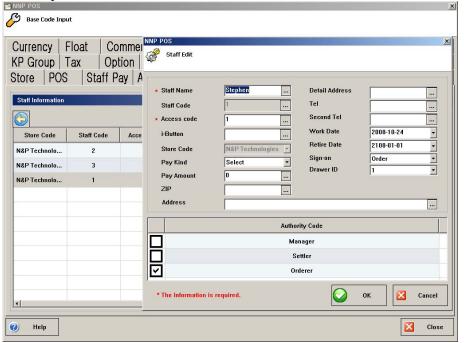
#### D. Create Authority Levels.

- You can make many authority groups like you see below.
- Each authority group needs to be checked under more than one of the detail authorization check boxes.
  - Ex) Below, the sample "Orderer group" is permitted to ... order / cancel / re-finalize.
- Every Staff / Clerk must belong to one of the Authority Levels.
- We strongly recommend that "Manager Groups" be checked under all detail authorizations.



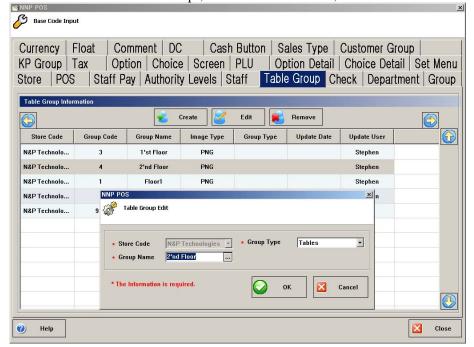
#### E. Individual Staff (Clerk)

- You need to create files for all staff members that use the POS tills.
- Each staff member must have a different unique access code.
- Access codes can have from 1 to 4 digits.
- Each staff member can have a unique i-Button for convenience.
- Every staff member needs to belong to one of the Authority levels. You can do this by checking the authority code check box like you see below.



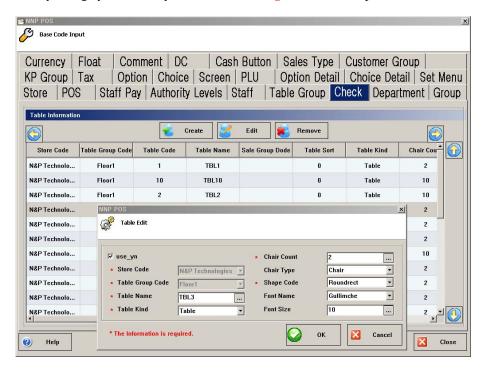
#### F. Table (Check) Group (level)

- Making a Table (Check) Group (level) is easy for classifying Tables (Checks).
- If the store has Tables (Checks) ... at least One Table Group must be created.
- The sample screen below has two Table Groups, One is for the first floor, and the other is for the second floor.



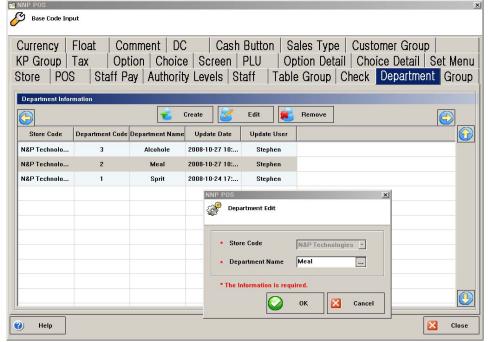
#### G. Tables (Checks) of each Table Group.

- You can make as many Tables (Checks) as the store needs.
- You can also easily change your table layout in the ... Setting -> Table Plan process.



#### H. Departments that the PLU (MENU) can link to.

- You can make Department Categories.
- If PLUs are linked to a department, all sales results of PLUs, are accumulated in that department.

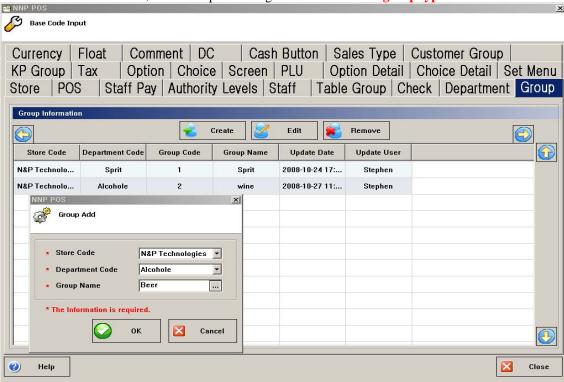


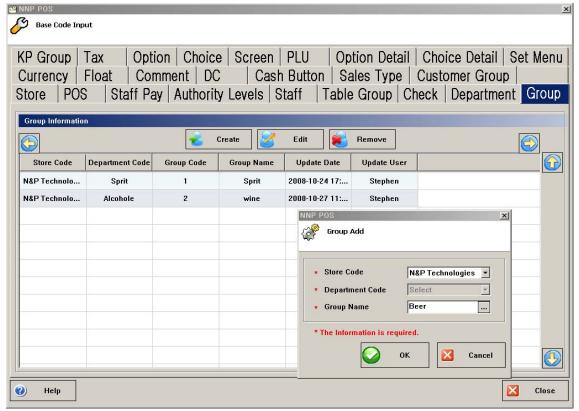
#### I. Groups that the PLU (MENU) can link to.

- You can make Group Categories.
- If PLUs are linked to a Group, all sales results of PLUs are accumulated in that Group.
- You can select weather a Group is linked to a Department or not by checking or not ... the Class Structured of Store Tab.



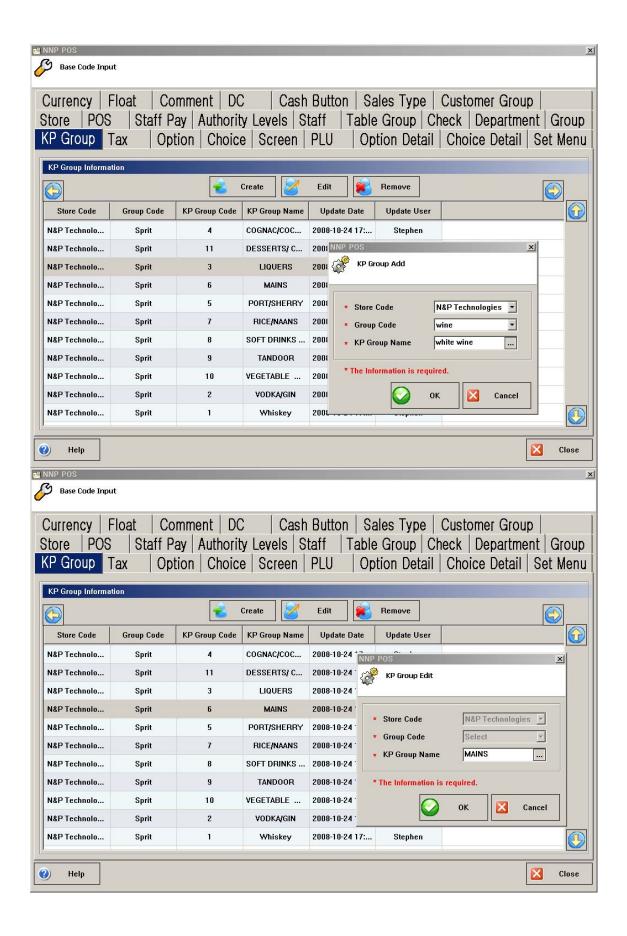
- Under the first window, is an example of using a "Structured group type".
- Under the second window, is an example of using "Non Structured group type".





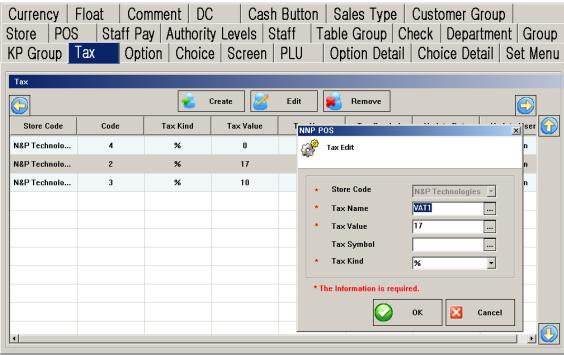
### J. KP Groups that the PLU (MENU) can link to.

- You can make (Kitchen Printer) KP Group Categories.
- If the PLUs are linked to a KP Group, all sales results of PLUs, are accumulated in that KP Group.
- You can select weather a KP Group is linked to a Group or not by checking or not ... the **Class Structured** of **Store Tab.**
- Under the first window is an example of using a "Structured KP Group Type".
- Under the second window is an example of using "Non Structured KP Group Type".



#### K. Using a Tax list at the store.

- You can make different "Tax rates" that are linked to the PLU.



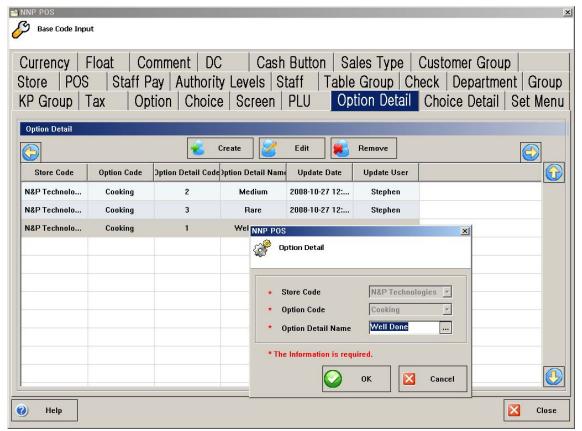
#### L. Pop-up screen - Options.

- You can make various Option Screens that have Option Details.
- You can create PLUs with Options. When ordering the PLU, the option screen will Pop-up ... for choosing option details.
- For example, the Steak PLU can have an **option** screen for **cooking**, and the cooking screen can have **three option details** of Well Done, Medium or Rare.



#### M. Option Details.

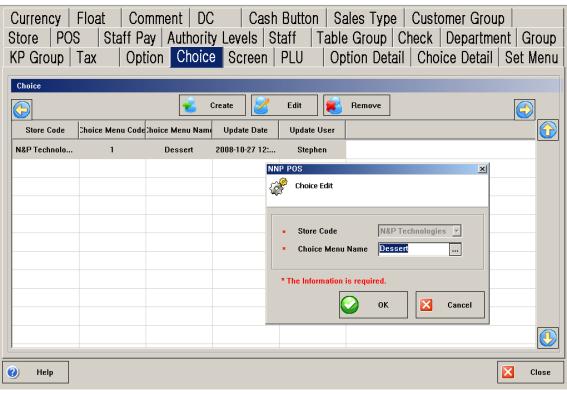
- Below, the **OPTION DETAIL SCREEN** shows the "Option Detail Name" for WELL DONE.

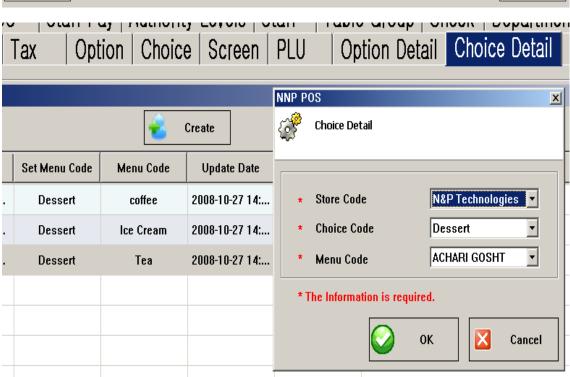


#### N. Pop-up screen -- Choices

- You can make many Choice screens that have Choice details.
- You can create a PLU that has a Choice screen. When ordering the PLU, the Choice screen will pop-up for choosing a Choice detail.
- A Choice Detail is one of the PLU (Menus), so you need to make a PLU that can be used as a Choice **Detail** item ... ahead of doing a **Choice Detail Tab**.
- For example, you can set the PLU to have a dessert screen that has three choice details such as Coffee, Tea or Ice cream.

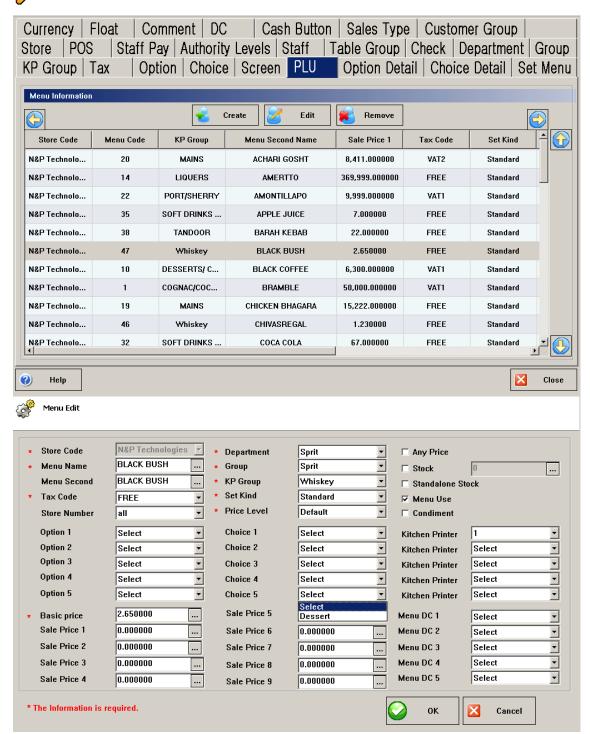






### O. PLU (Menu) - Creation.





**Menu Name**: Name that is used for reporting, REG window, Kitchen printer ... etc.

**Menu Second**: You can give the menu a second name.

- This is a very useful feature when the Menu Name uses a local language, and the second Menu name uses another country's language.

**Option / Choice Screen**: Every PLU can have a maximum of 5 Options and or Choices.

**Price**: Every PLU can have a maximum of 10 price levels.

- This is very useful for automatically sales with different prices by Customer Loyalty Level, Scheduling times such as (happy hours) etc.

**Department / Group / KP Group**: Link PLUs to these categories for reporting.

**Set Kind**: You need to select normal PLUs or FixedSet or VarSet.

- FixedSets have fixed PLUs that construct the Set Menu, but the VarSet will be constructed During sales.

**Price Levels**: You need to select one of the Price levels that uses normal sales.

**Any Price**: If you check this, <u>pre-entered prices</u> "override" the prices used in normal sales.

**Stock**: If you check this, PLU stock is controlled in the "Web-based store".

- You can enter a minimum stock quantity for controlling your stock.

**Standalone Stock**: If you check this, PLU stock is controlled in the "Standalone store".

- You can control your stock in ... Setting -> Configuration -> Sales Tap-> Stock.

**Menu Use**: You must check this button for sales.

- You can un-check this button, if you want to create a PLU but not sales.

**Condiments**: The PLU will be sold as a condiment to the item before it.

- The Condiment PLU will follow the item regardless of the sorting Role.
- You can use this function when making more personal meals with Condiment PLUs.
- We recommend making a separate **Screen (Menu) Page** containing **condiment** PLUs.

**Kitchen Printer 1 ~ 9**: This selects which KP's the products appear on. A PLU can link to a maximum of five KP's at one time.

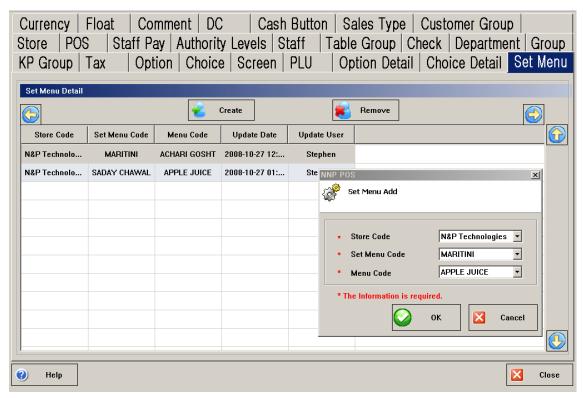
- Connect each Kitchen Printer to the POS Till following this sequence... Setting-> Configuration -> Device Tab

**DC Menu 1 ~ 5**: A PLU can have five possible Discount Rates that are operated by a "DC" button .This is used for allowing a menu discount on this item.

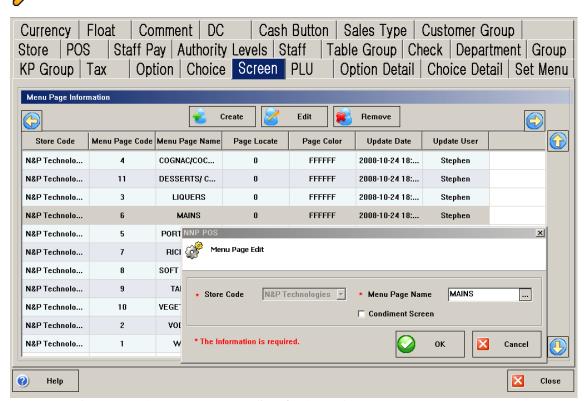
#### P. Set Menu.

- You can construct a Set Menu with many PLUs that you want linked to the Set Menu.
- PLUs linked to the Set Menu, are transferred to the Kitchen Printer and to the Sales Screen with a Set Menu.

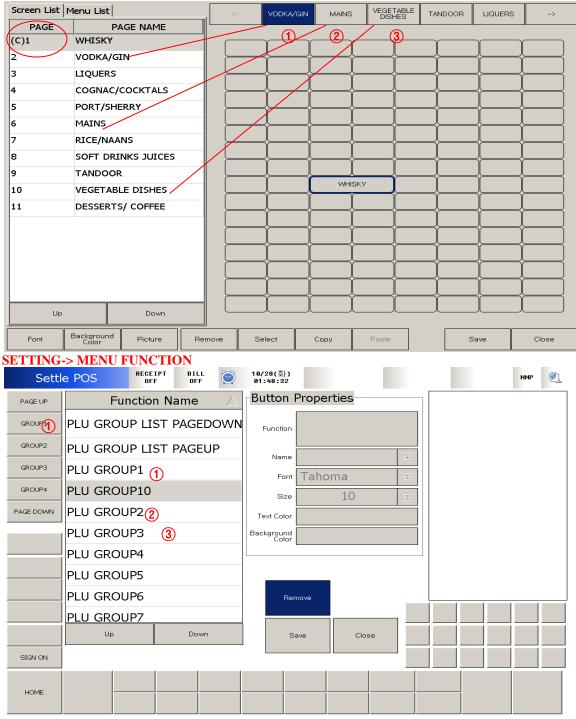




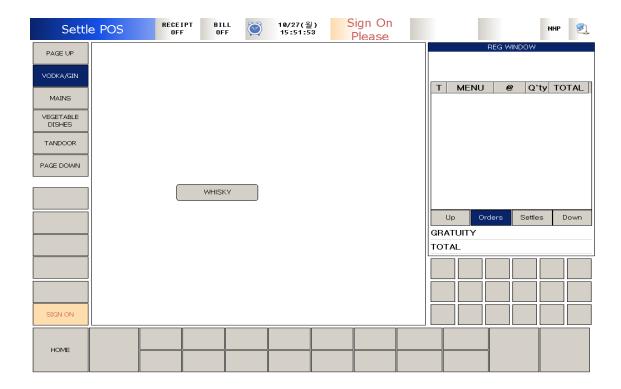
# Q. Screen (Menu Page) List... for easily selecting Menus when ordering. Base Code Input



- You can make as many Screen (Menu Page) lists, for Screen buttons as you want.
- Screen lists can be allocated as "Buttons" through SETTING->MENU PLAN & MENU FUNCTION.

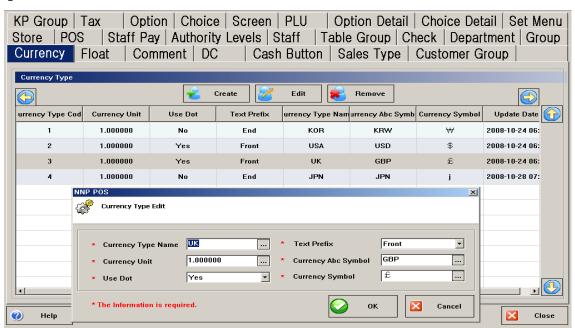


- Sales mode screen after allocating Screen Buttons.



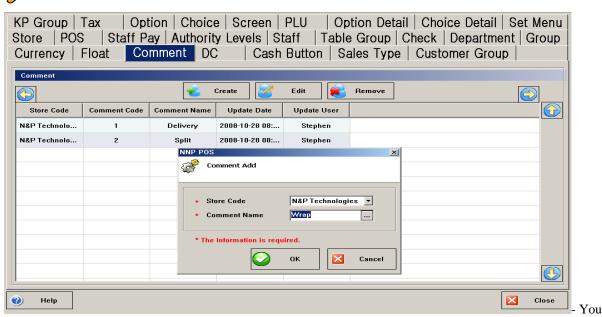
### R. Currency





- You can enter the currency that is used in your store.
- We recommend using only a maximum of... three currencies.

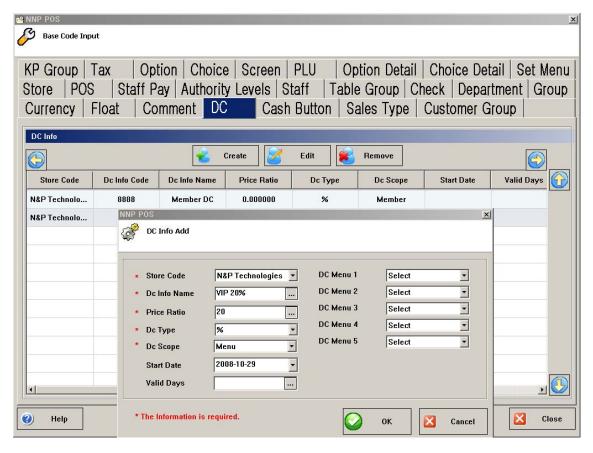
#### S. Comments List – Sending a Comments List to the Kitchen Printer.



can make a comment lists for **adding special instructions** to the **PLU** (**Menu**) when taking an order, by clicking the **Comment buttons** in the **ORDER SCREEN.** 

#### T. DC Lists - for discount Pricing.

Base Code Input

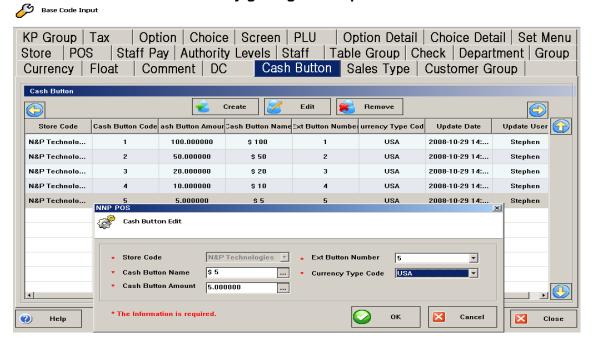


- You can make as many "DC Policies" as you want.
- Each DC policy can be made differently by a "Price Ratio" (Value of DC amount or DC rate),

#### DC type (% or amount), DC Scope (Pointed Menu only, or Sales Total).

- You can modify the total balance of an order, by clicking the DC button, and then by choosing one of DC policies when finalizing sales.

#### U. Preset Cash Buttons for easily getting cash input.



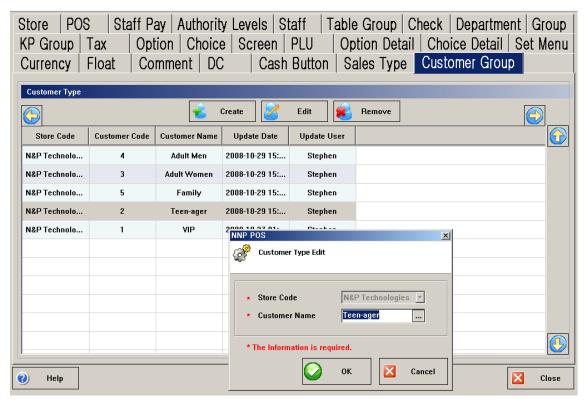
V. Sales Types.



- You can use these sales types when finalizing sales.
- 8 kinds of sales types are automatically created.

#### W. Customer Groups.





- You can make as many "Customer Type Lists" as you want.