



**The Intelligent Surveillance Solution**

**NUUO Web Client  
User Manual**

Ver. 1.0.0

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## 2 Installation

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For Web Client Installation, please refer to **Mainconsole User Manual v6.0 and above** .

System Limitation :

- NUUO Web Client support Report Service on Mainconsole 6.0 and above only .
- Video live view and playback is compatible with Internet Explorer only .  
The web browser is compatible with Windows: IE (9 and above), Google Chrome, Firefox
- and Mac Safari .
- If user do not enable the IVS on server, the device list will not be shown in report service .  
The default recycle will start when the hard disk space is lower than 20% , the recycle will
- stop until the space is higher then 20 % .

## 3 WebClient

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Web Client is a web base client can use in any user's PC .

It is designed for the easy use of live viewing, playback, and IVS report generation with multiple servers .

Web Client provides centralized management for numerous devices, servers, users, with the numerous reports display for centralized viewing, to help users get the IVS report efficiently.

### 3.1 Login

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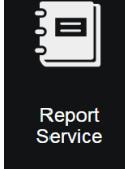
1. Open the **NUUO Web Client Login** page by entering the local IP address( 127.0.0.1 : port ) on the browser .
- Enter the user name and password which is the same as the mainconsole to log in .

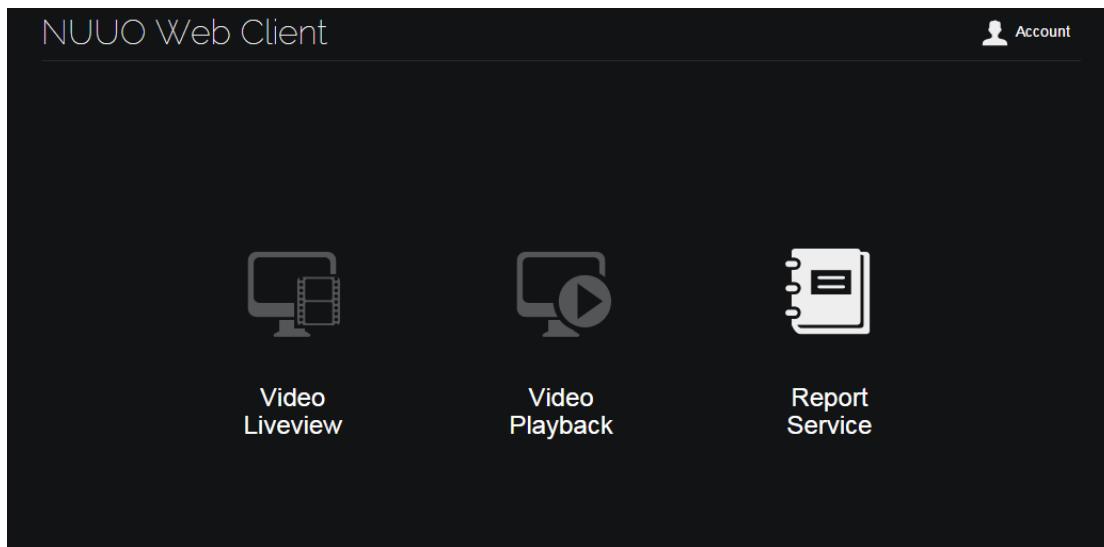


- You might select the language you want to log in



2. Through **Web Client**, logging in Video Liveview, Video Playback, or Report Service for further generation and configuration.

Graphic icon	Description
 Video Liveview	<ul style="list-style-type: none"> <li>➤ Video live view</li> <li>➤ See the live view though Remote Live Viewer</li> <li>➤ To enable this feature, please open by Internet Explorer</li> </ul>
 Video Playback	<ul style="list-style-type: none"> <li>➤ Video playback</li> <li>➤ See the playback though Remote Live Viewer</li> <li>➤ To enable this feature, please open by Internet Explorer</li> </ul>
 Report Service	<ul style="list-style-type: none"> <li>➤ Report Service</li> <li>➤ Display and generate Report, then send via FTP/Email/ download to local site.</li> <li>➤ To enable this feature, please open initiate from mainconsole &gt; Network Service &gt; Report Service</li> </ul>



### 3.2 Video Liveview

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Press this icon to use video liveview which functions are the same as Remote Live Viewer.

Video live view is compatible with Internet Explorer only .

See page **Mainconsole User Manual** in page 131 for details.

### 3.3 Video Playback

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Press this icon to use video playback which functions are the same as Remote Live Viewer.

Video playback is compatible with Internet Explorer only .

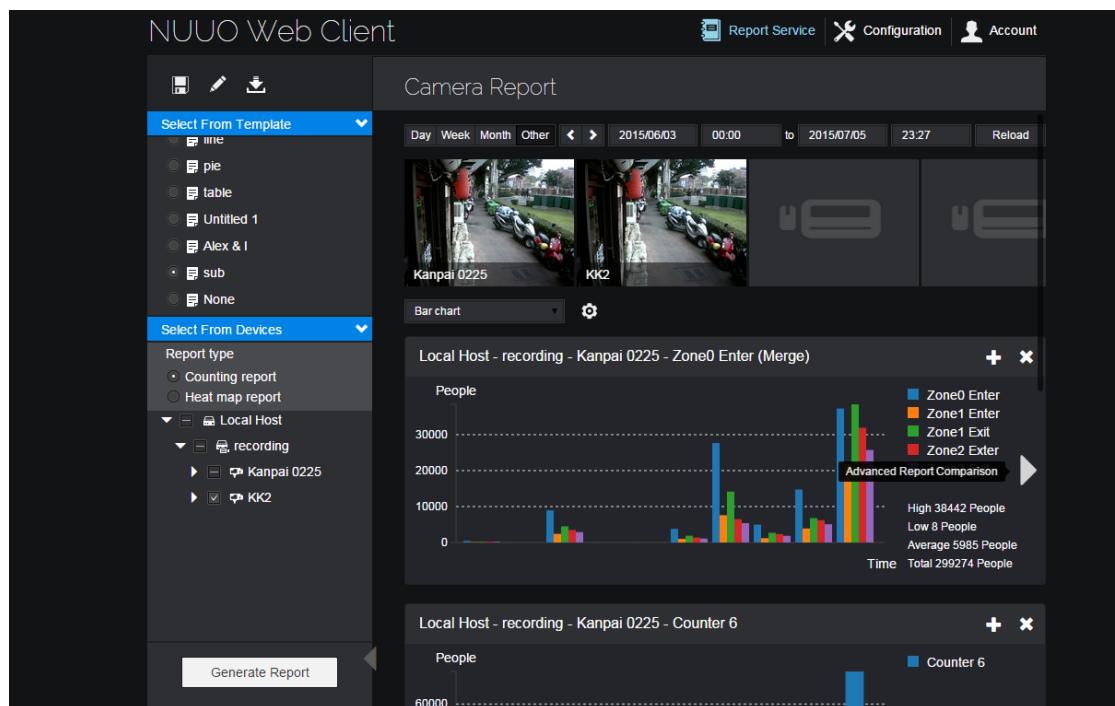
See page **Mainconsole User Manual** in page 138 for details.

### 3.4 Report Service

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Understanding NUUO Web Client's user interface helps you navigate the software without any problem.

Once you are familiar with the Web Client, you can jump seamlessly within the software.



#### 3.4.1 How to generate report

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When the users log into report service , please follow the following step to generate reports :

**Step 1 :**

Select Report Type and Device

**Step 2 :**

Select Time Section

**Step 3 :**

Select Graphic Type

**Step 4 :**

Advanced Setting

**Step 5 :**

Template Setting

### 3.4.1.1 Select Report Type and Device

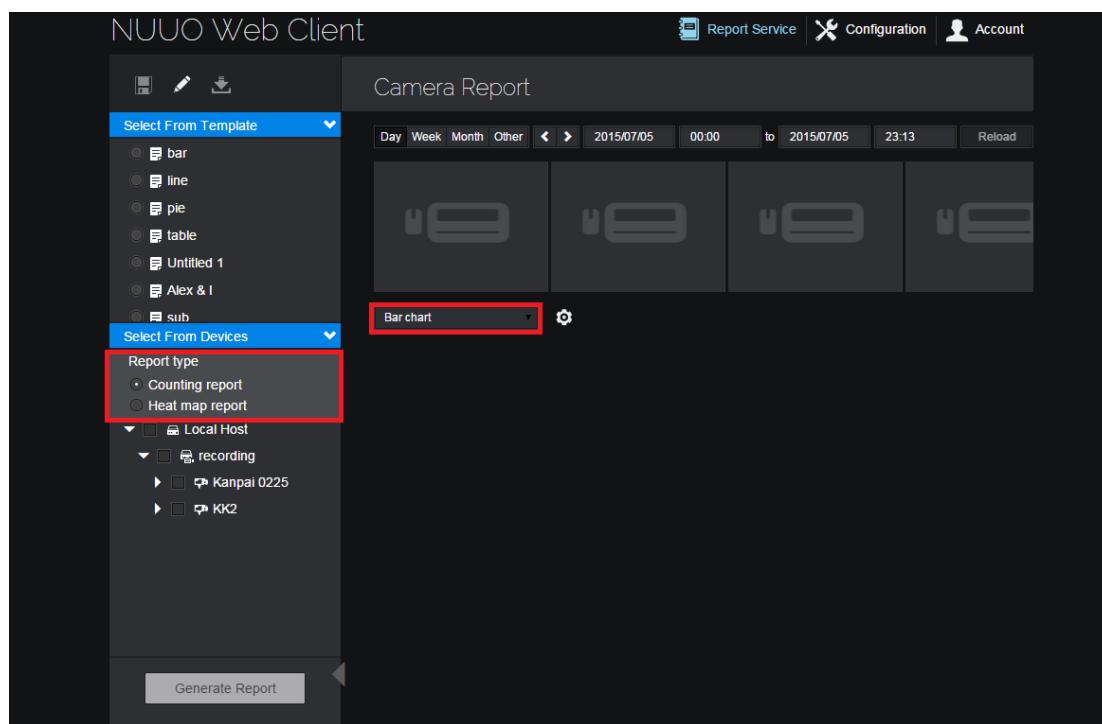
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**Report Type:**

There are two type of the report type — **Counting report** and **Heat map report**.

Counting including 4 graphic types of report, and heat map including 1 graphic type of report.

The report type can be selected only one type in one time.



- Counting Report:

Component	Description
Bar graphic	Display bar chart report type
Line graphic	Display line chart report type
Pie graphic	Display pie chart report type
Data graphic	Display data table type

- Heat map Report :

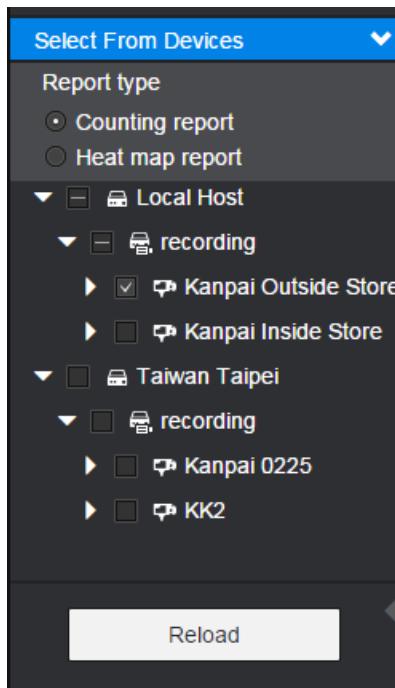
Component	Description
Heat map	Display heat map report type

#### Device :

After selecting the report type, you can select multiple devices to generate the report you need .

The NUUO Web client support multiple servers . you can select the devices from multiple servers in the same time .

For multiple server list setting, please refer to **Server list Setting** section .



### 3.4.1.2 Select Time Section

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1. To generate the report, you will need to select the time interval , there are 4 modes of time frame you can choose :

Command	Description
Day	Default Time frame set to Day ➤ The time will be auto set from 0:00 to present time
Week	Default Time frame set to Week ➤ The time will be auto set to week from Monday to present time
Month	Default Time frame set to Month ➤ The time will be auto set to month from 1st to present time
Others	You can select the special time interval you want, with our any default setting .

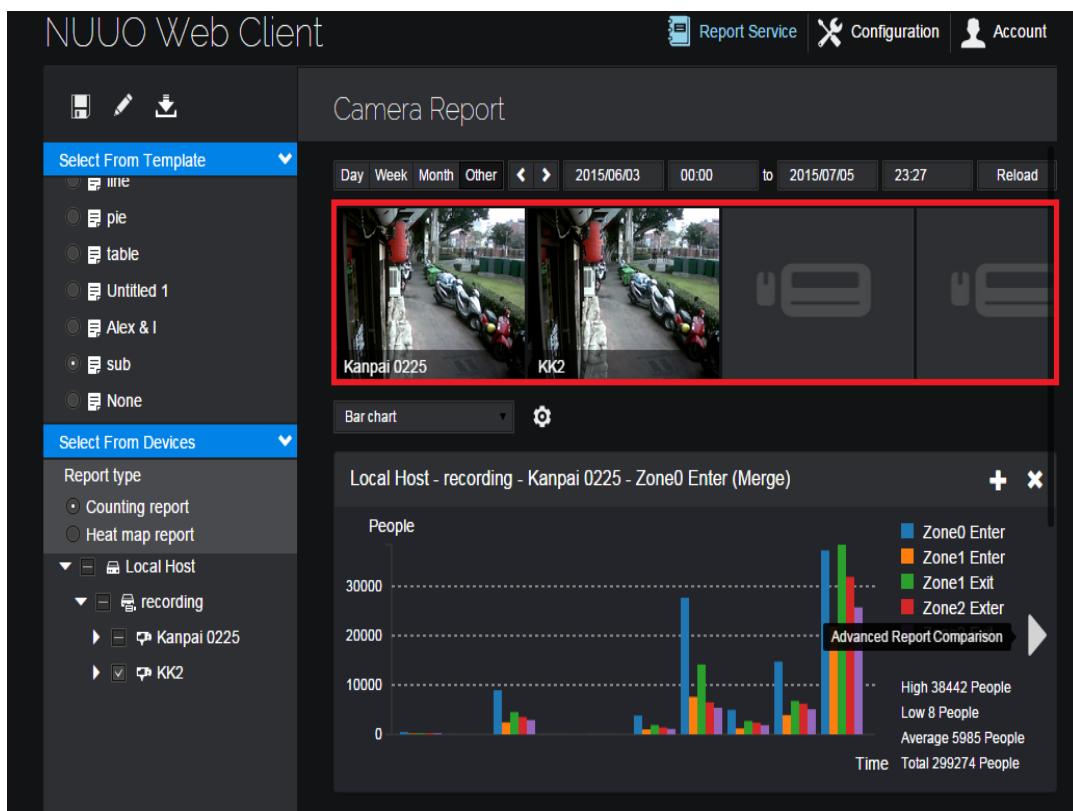


The time can not be set over the system time, otherwise, it will be returned to default setting .

2. After set up the time period, please press reload to refresh the report time frame you want :

The screenshot shows the NUUO Web Client interface. On the left, there's a sidebar with two dropdown menus: 'Select From Template' (containing options like line, pie, table, Untitled 1, Alex & I, sub, None) and 'Select From Devices' (containing Report type, Counting report, Heat map report, Local Host, recording, Kanpai 0225, KK2). The main area is titled 'Camera Report' and shows two camera feeds for 'Kanpai 0225' and 'KK2'. Below the feeds is a 'Bar chart' section with a title 'Local Host - recording - Kanpai 0225 - Zone0 Enter (Merge)'. The chart displays the number of people ('People') over time ('Time'). The legend indicates four categories: Zone0 Enter (blue), Zone1 Enter (orange), Zone1 Exit (green), and Zone2 Enter (red). The chart shows several peaks, with a notable one around June 3rd reaching nearly 30,000 people. A tooltip on the chart provides summary statistics: High 38442 People, Low 8 People, Average 5985 People, and Total 299274 People. At the top right of the main area, there are links for 'Report Service', 'Configuration', and 'Account'. A red box highlights the 'Reload' button in the date/time selector at the top right.

3. After press generate / reload the report , there will be the snapshot to display the device present view, each device will show 1 snapshot .



### 3.4.1.3 Select Graphic Type

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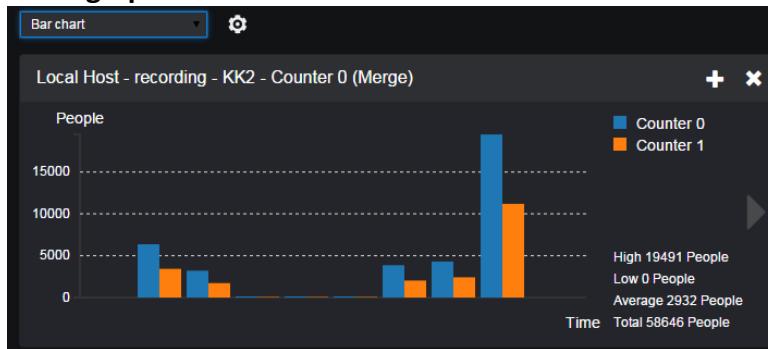
According to the different report type, you can select the report graphic type you need in order to generate report :

**1.Select graphic chart type :**

The screenshot shows the NUUO Web Client interface for a 'Camera Report'. On the left, there's a sidebar with 'Select From Template' and 'Select From Devices' dropdowns. Under 'Select From Devices', 'Report type' is set to 'Counting report' (radio button selected). Below it, 'Local Host' is expanded, showing 'recording' and 'Kanpai Outside Store' (selected). Other collapsed sections include 'Taiwan Taipei' and 'recording' for 'Kanpai 0225' and 'KK2'. At the bottom of the sidebar is a 'Reload' button. The main area is titled 'Camera Report' and shows a live video feed from 'Kanpai Outside Store'. Below the video is a bar chart titled 'Kanpai Outside Store - increase (Merge)'. The chart has 'People' on the y-axis (0 to 6000) and 'Time' on the x-axis. It displays four bars per time bin, colored blue, orange, green, and purple. A legend on the right identifies these colors: blue for 'increase', orange for 'decrease', green for 'increase and d...', red for 'occurrence', and purple for 'Counter 4'. Summary statistics at the bottom right of the chart area are: High 6189 People, Low 0 People, Average 801 People, and Total 32049 People.

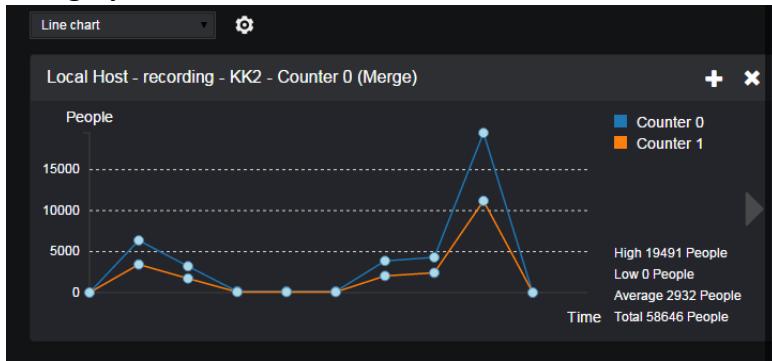
- Counting report graphic type : (with 4 graphic type)

- Bar graphic :



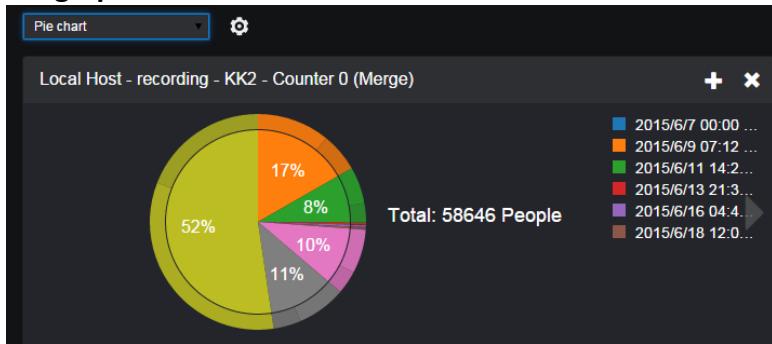
- Display bar chart report type
- Display highest people counting
- Display lowest people counting
- Display average people counting
- Display total people counting
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to compare same device in different time

### Line graphic :



- Display line chart report type
- Display highest people counting
- Display lowest people counting
- Display average people counting
- Display total People counting
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to display same device in different time comparison

### Pie graphic :



- Display pie chart report type
- Display total People counting
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to compare same device in different time

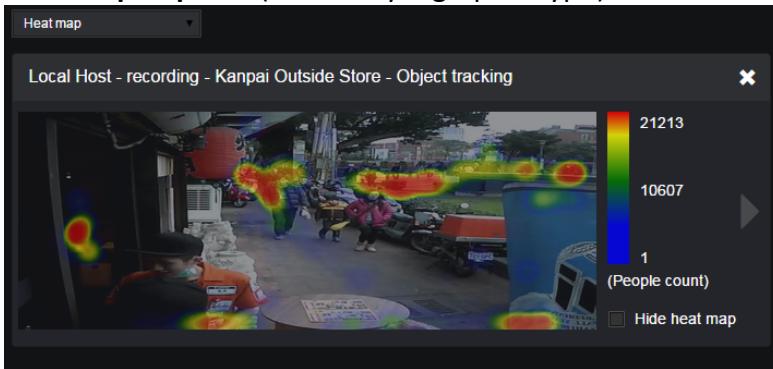
### Data Table :

The screenshot shows a data table titled "Local Host - recording - KK2 - Counter 0 (Merge)". The table has columns for Server, Device, Counter, and three time intervals. The data is summarized in the last row:

Server	Device	Counter	2015/6/7 00:00 - 2015/6/9 07:12	2015/6/9 07:12 - 2015/6/11 14:24	2015/6/11 14:24 - 2015/6/13 21:36	2015/6/13 21:36 - 2015/6/16 07:12
recording	KK2	Counter 0	0	6370	3210	137
recording	KK2	Counter 1	0	3431	1724	67
		Total	0	9801	4934	204

- Display data table type
- Display total people counting with time interval
- Display different device counting with different color
- Support **merge feature**
- Support sub-graph to compare same device in different time

#### Heat map Report : (With only 1 graphic type)



- Display heat map report type
- Support only one device in a time
- Show different color to represent different people counting density in one device
- Support sub-graph to compare same device in different time

#### 3.4.1.4 Graphic Advanced Setting

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##### Graphic Setting :

Press the icon to show the setting dialog :

- Time section :  
User can choose to display how many time sections will be show up in the graphic, the different time frame will have different time section :

- Day : Including 4 time section settings : 1 hour / 2 hour /3 hour /4 hour .
- Week : Including 2 time section settings : 12 hour / 24 hour .
- Month : Including 4 time section settings : 2 day / 3 day / 5 day / 7 day .
- Other : Including 1 time section setting only : Every 1/10

• Counting section :

User can determine to divide the people counting into how many count sections will be show up in the graphic, the scope is from minimum **5** to maximum **20** .

• Graphic merge setting :

User can use this feature to compare different devices counting in the same time, the max merge devices is 5 .

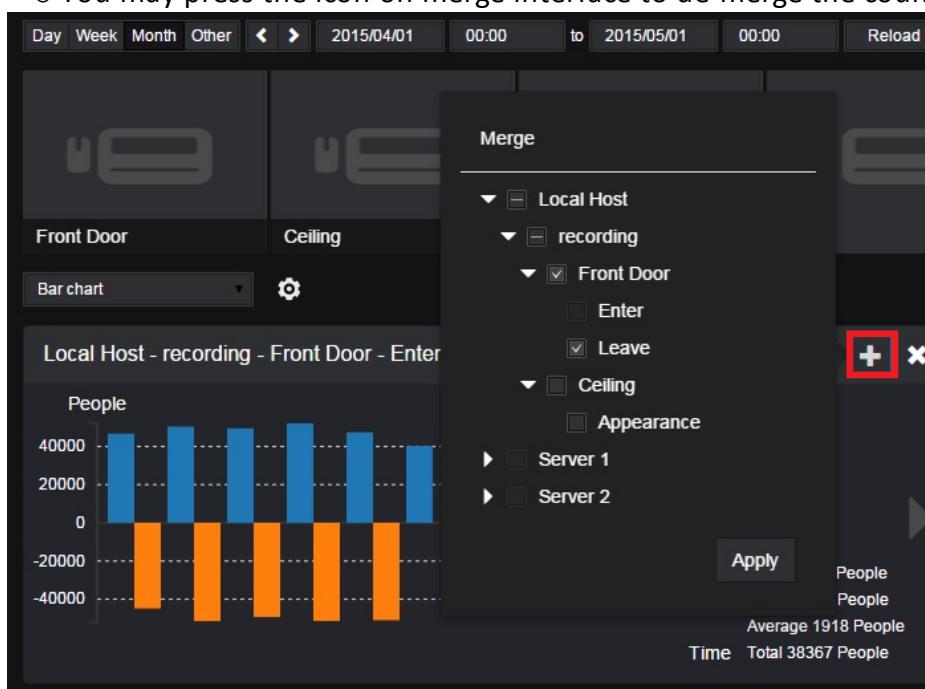
There will be 2 merge mode :

• **Auto merge** : The system will automatically merge the same device counting type together

- if it is not the same counting type, it will show the warning message :
  - Some counters will not be merged together due to the counter type is different .

• **Manual Merge** : User can merge the counting data manually by pressing the "+" icon :

- The counting data can not be merged if the data is already been merged before.
- You may press the icon on merge interface to de-merge the counting data.



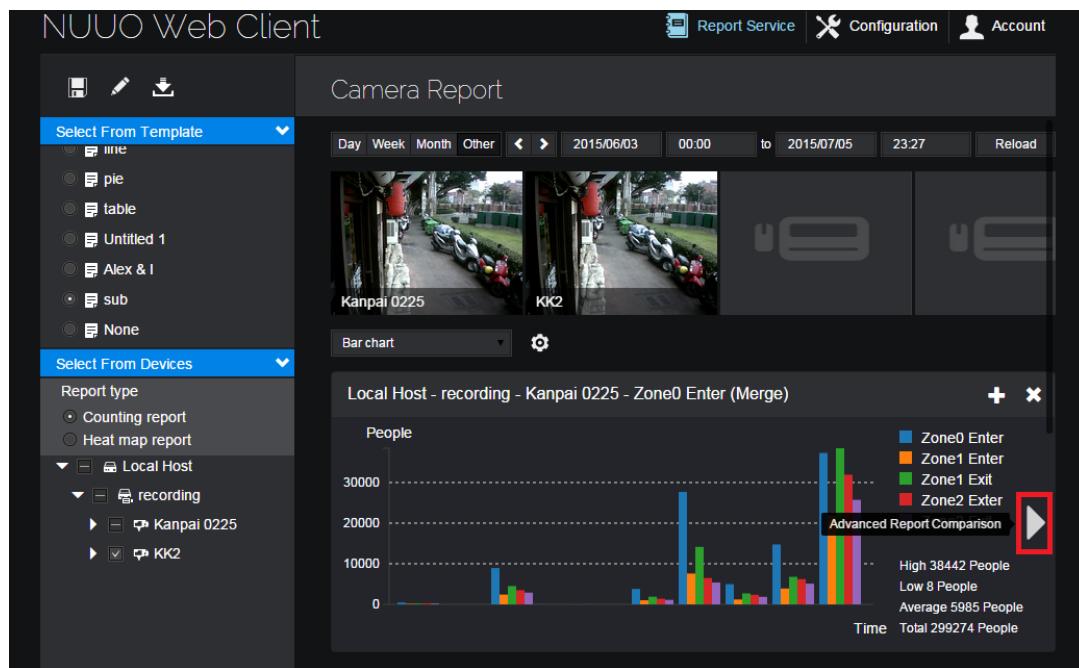
- if not the same counting type, it will show warning massage :

- Some counters will not be merged together due to the counter type is different .

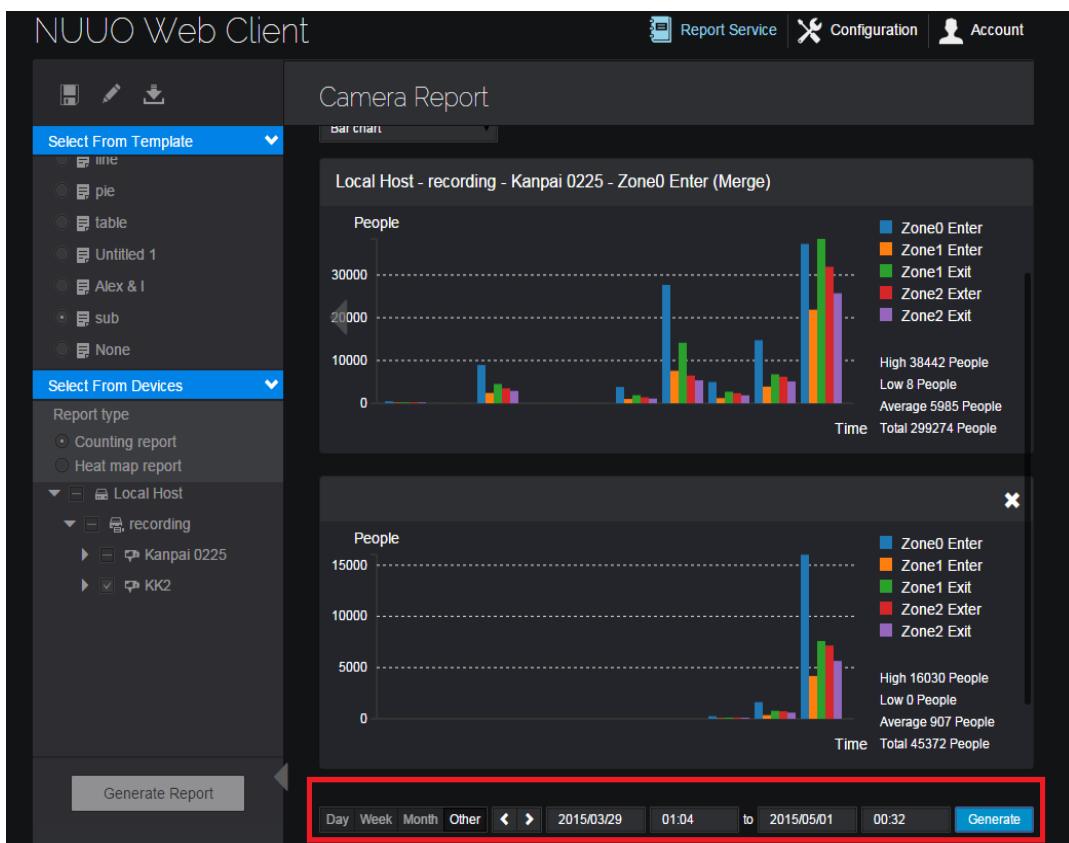
### Advance setting : Sub-graph

After generate the graphic report on the view, you can compare the same devices in the different time as follows :

1.Press the enter icon to the sub graph :



2.Select the time you want with same devices for comparison:



- Can generate unlimited sub graphs.
- At sub graph mode, other function will be disabled, if you want to go back for other operation , please press the icon to close the Sub graph .



### 3.4.1.5 Template Setting

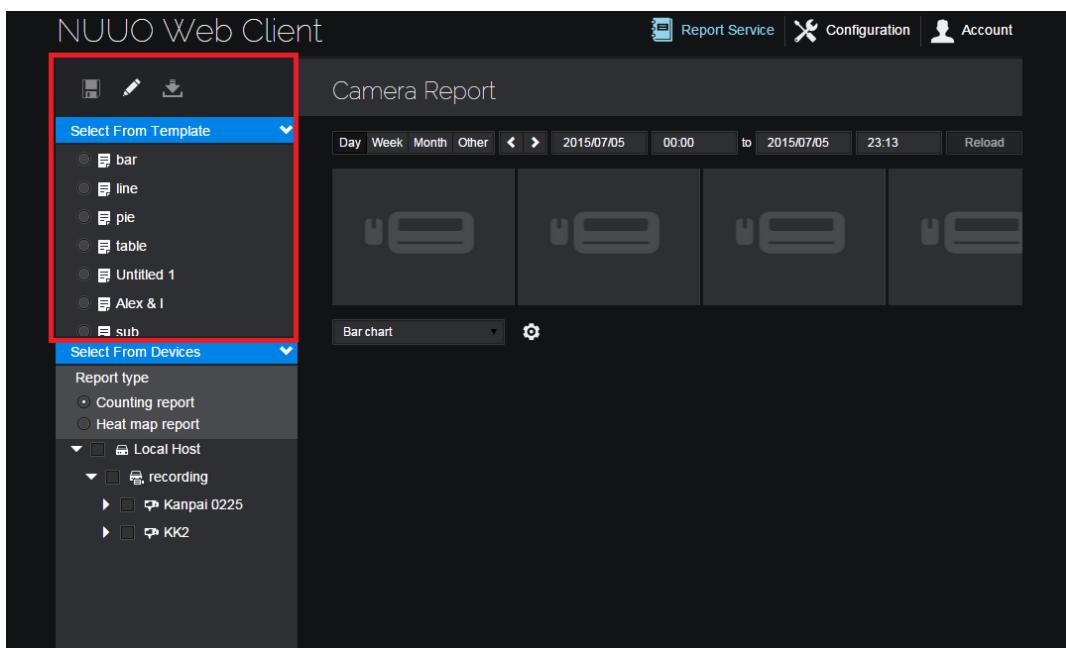
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Through template, user can save all the settings without re-configure again, the maximum number of template is **10**.

User may press the icon to edit the template setting as following icon table :

**Icon :**

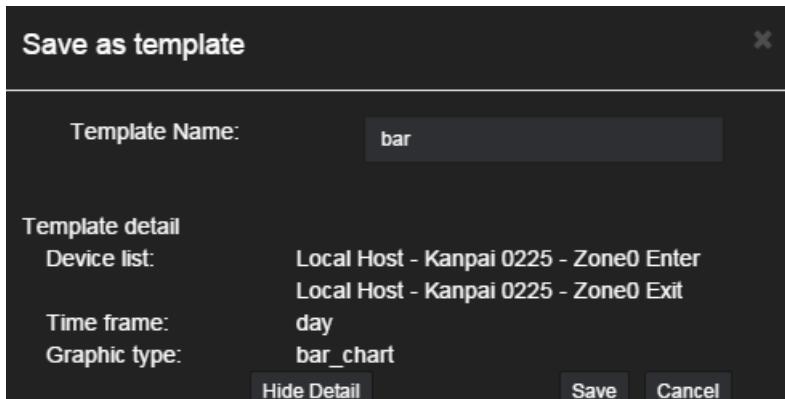
Graphic Button	Description
	Save the template
	Edit the template
	Download the template



### 1. Save the template :

User may save the template with a name as below information in detail :

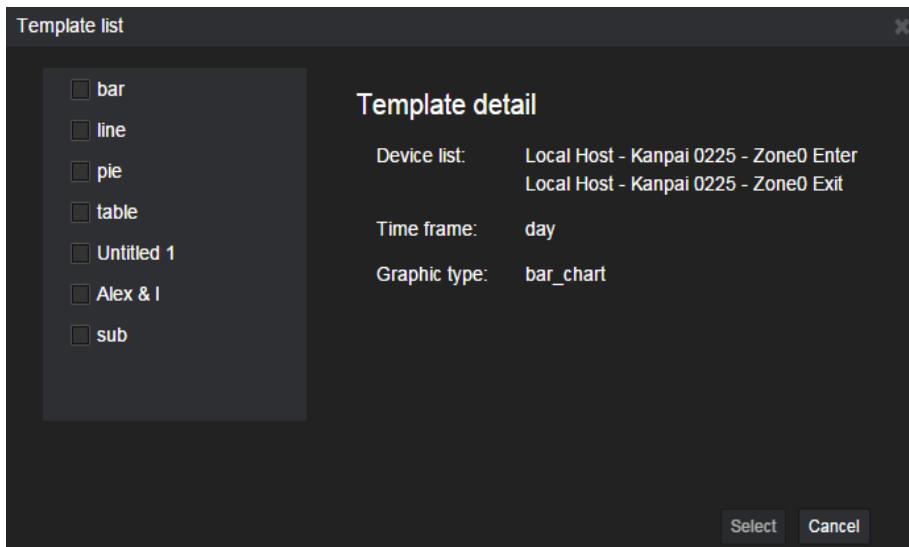
- Device list
- Time frame
- Graphic type



 The save templates will be automatically synced with auto send report setting.

### 2. Template editor :

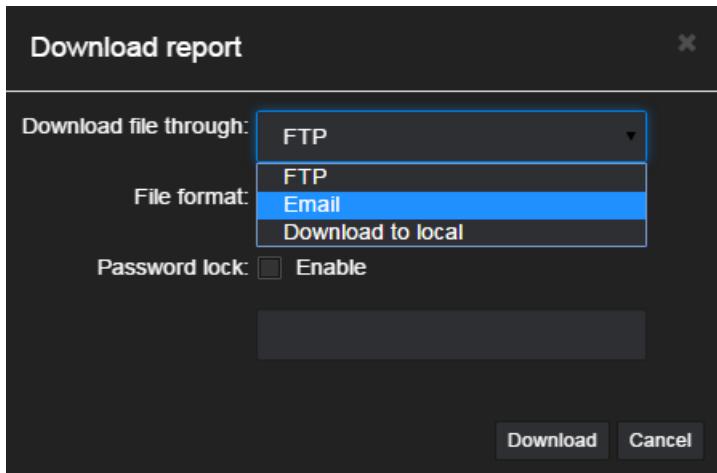
User may select unnecessary templates and delete :



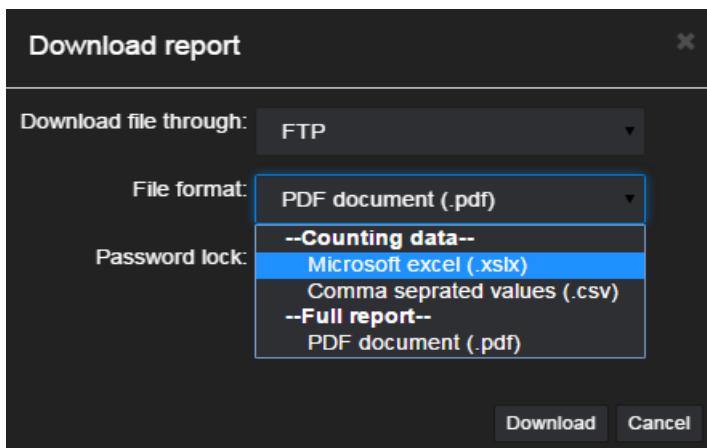
### 3. Download report :

User can download the templates through three ways :

- FTP
- Email
- Download to local



User can download the template with different file format :



Password lock :

- User can set up a password to lock the document .

### 3.4.2 Report Configuration

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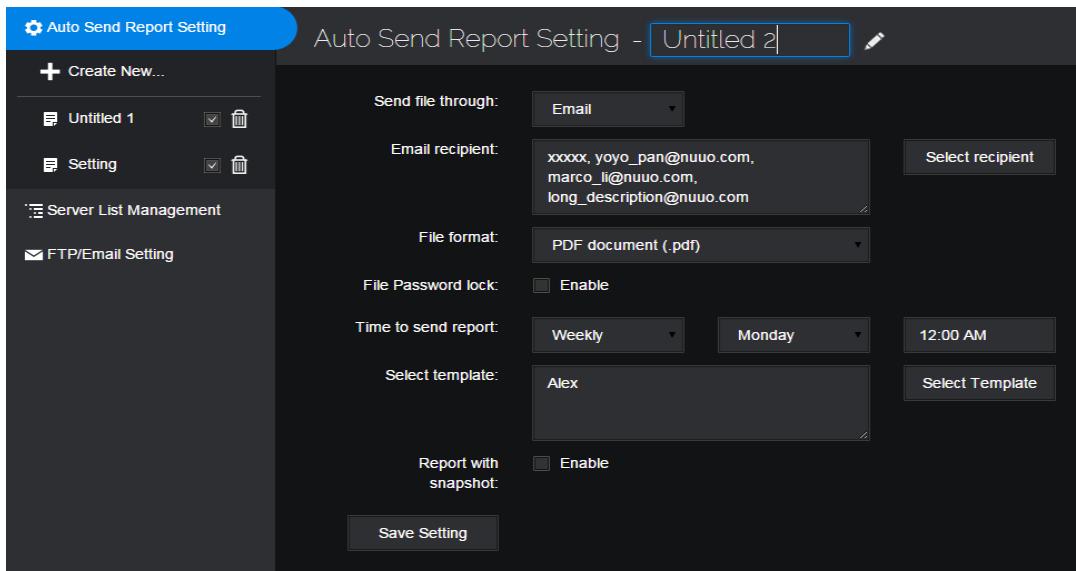
Before generate the report, there are some configurations can be set up to help uses to use the report service more efficiency .

- Auto Send Report Service
- Server List Setting
- FTP/Email Setting

#### 3.4.2.1 Auto Send Report Setting

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User may generate at most **10 auto send report templates** with the different naming by edit the title :



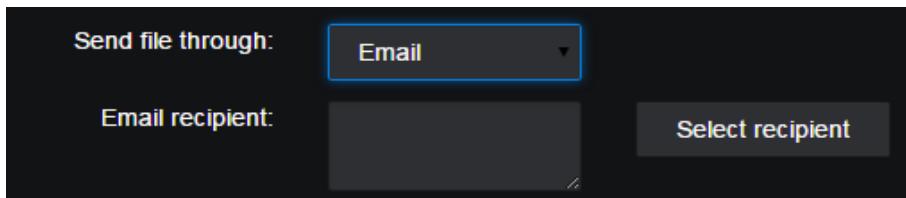
Through **Auto Send Report Setting**, users can choose when, and who will receive the report in the time they want :

1. Send the email through the format as below :

- **Email :**

When select Email, you can select the recipient from the email list.  
the email list is generated through sync to server/ manual enter , for more details please refer to FTP/Email setting.

- Select file through Email:



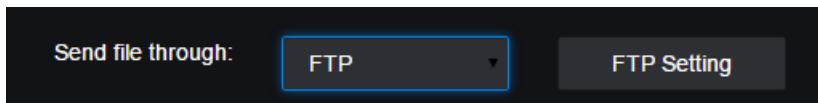
- Select recipient :

	Recipient	Note	Email Address
<input type="checkbox"/>	YoYo	潘星佑	yoyo_pan@nuuo.com
<input type="checkbox"/>	Marco	李袁碩	marco_li@nuuo.com
<input type="checkbox"/>	Long Description	This is a very long des...	long_description@nuu...
<input type="checkbox"/>	Test	test	test@test.com
<input type="checkbox"/>	Test2		marco_li@nuuo.com

- **FTP**

When select FTP, you can set up the FTP through sync to server/ manual enter, for more details please refer to FTP/Email setting

- Select file through FTP:



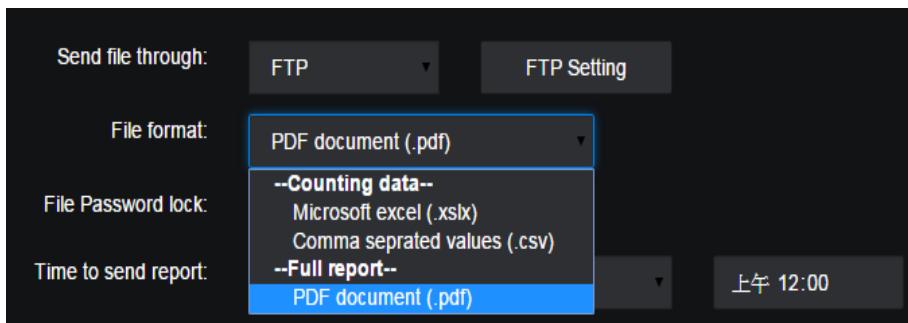
- FTP Setting :

**FTP Setting**

Synchronize server(Local Host) setting

Host:	localhost
Port:	21
Login ID:	user
Login Password:	.... <small>*1</small>
Target Path:	/

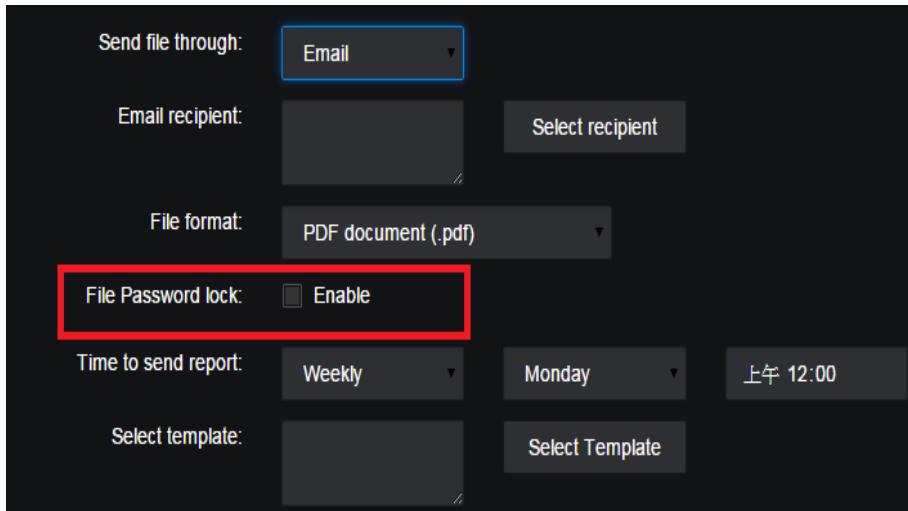
- 2. File format :
-



Command	Description
Counting Data	Only display the data in number type with time ➤ Support Microsoft excel (.xlsx ) ➤ Support Comma separated values ( .csv )
Full report	Including snapshot ,graphic, heat map , and data in number ➤ PDF format ➤ Graphic for bar chart, line chart, and pie chart

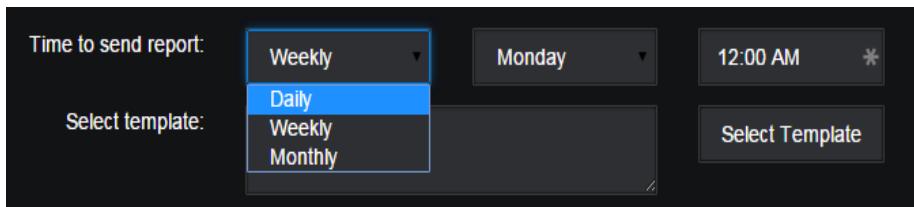
### 3.File password lock :

User can set up the password for privacy use :



### 4.Time to send report:

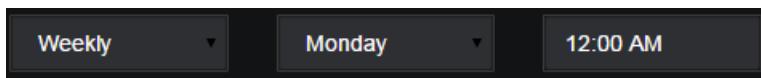
User may set up a special time mode to send the report in three mode :



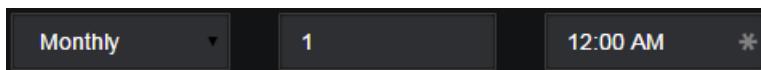
- Daily: Daily send the report with set up time automatically



- Weekly : Weekly send the report with set up time automatically

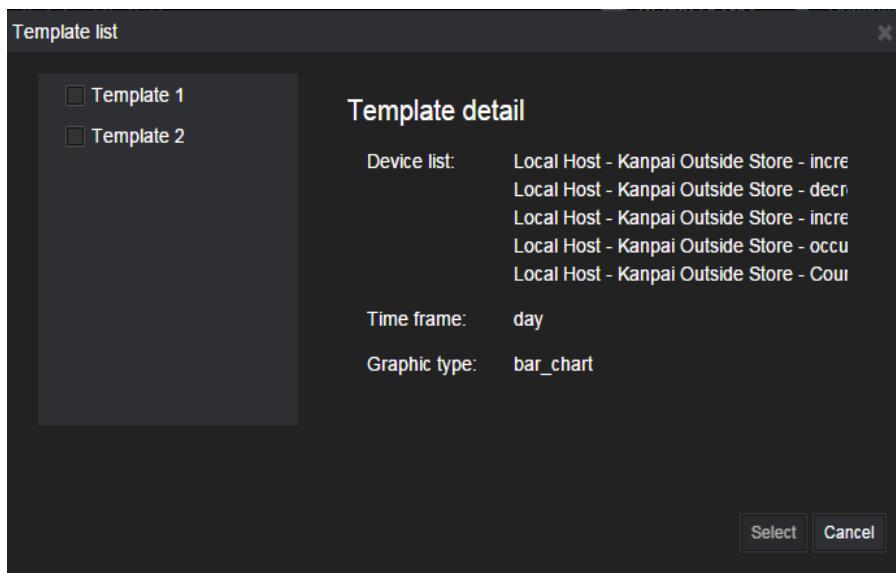


- Monthly :Monthly send the report with set up time automatically

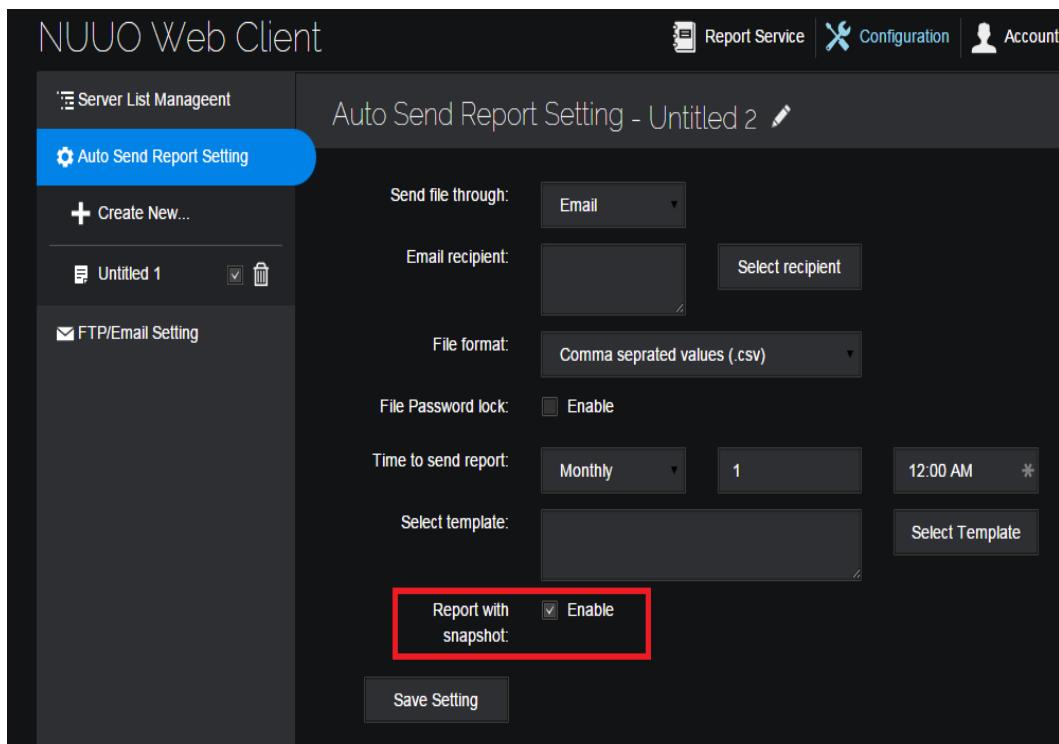


5. User can select the template in the template list :

The screenshot shows the NUUO Web Client interface for managing auto-send report settings. On the left, there's a sidebar with 'Server List Management' and a 'Create New...' button. The main area is titled 'Auto Send Report Setting - Untitled 2'. It contains fields for 'Send file through' (Email), 'Email recipient' (with a 'Select recipient' button), 'File format' (Comma separated values (.csv)), 'File Password lock' (checkbox 'Enable'), 'Time to send report' (Monthly, 1, 12:00 AM), 'Select template' (a list with a 'Select Template' button highlighted by a red box), and 'Report with snapshot' (checkbox 'Enable'). At the bottom is a 'Save Setting' button.



6. User can determine to send the report with snapshot or not, the default setting is disable:



### 3.4.2.2 Server List Setting

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The NUUO Web Client support multiple servers, you can add servers with IVS channels in order to generate the report you want .

The screenshot shows the 'Server List Management' section of the WebClient. On the left, there's a sidebar with 'Auto Send Report Setting', 'Server List Management' (which is highlighted in blue), and 'FTP/Email Setting'. The main area has a table titled 'Server List Management' with a '+' icon above it. The table columns are: Server Name, Server IP/Port(WAN), Server IP/Port(LAN), Server Type, Username, Connection Status, and Edit/Remove. The data rows are:

Server Name	Server IP/Port(WAN)	Server IP/Port(LAN)	Server Type	Username	Connection Status	Edit/Remove
Local Host	127.0.0.1:80	127.0.0.1:8000	IP+	admin	Connected	
Server 1	4.5.6.1:45	45.6.4.5:33	Unknown	cvbssfsdfsd	Connecting	
Server 2	5.6.14.5:12	45.6.4.5:456	Unknown	vhgg	Connecting	

1. Press the icon to add Server with the following information :

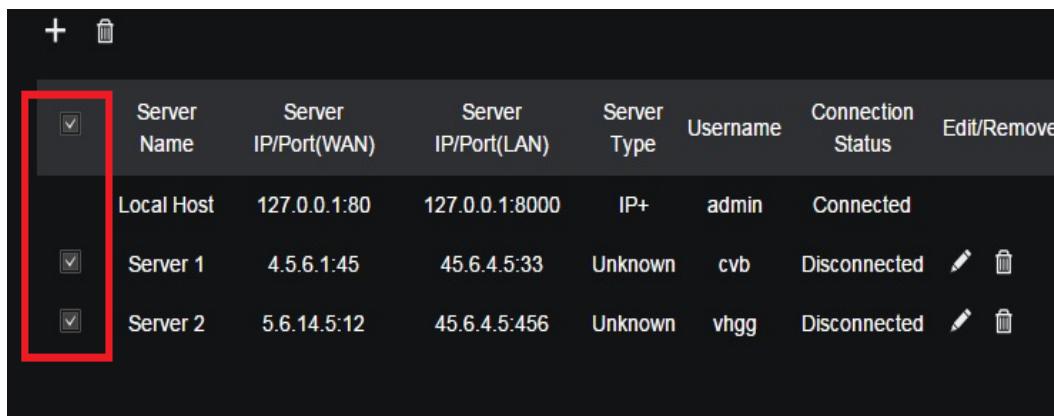
The 'Add Server' dialog box contains the following fields:

- Server Name:
- Server IP(WAN):
- Http port(WAN):
- Server IP(LAN):
- Http port(LAN):
- Username\*:
- Password:
- Show password
- Test Connection
- Add
- Cancel

A note at the bottom says: **\*Please fill in at least one of LAN IP/Port or WAN IP/Port.**

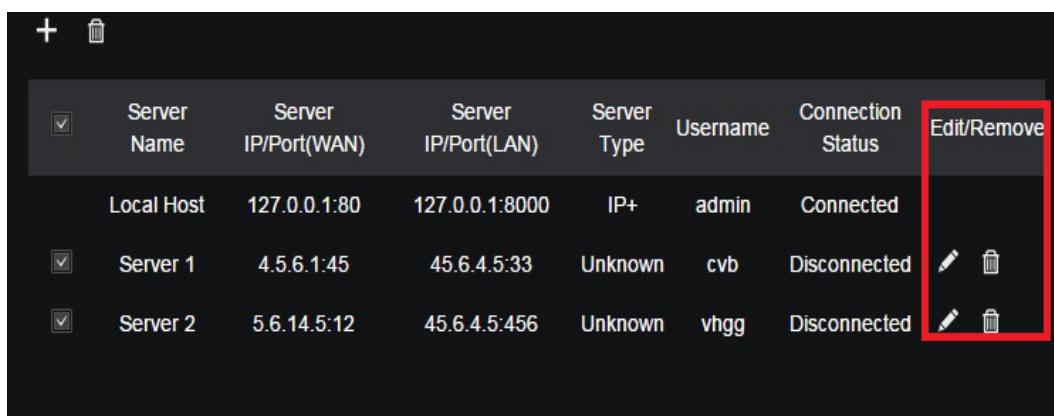
- Server name
- Server IP/Port(WAN)
- Server IP/Port(LAN)
- Server Type
  - Select the server you use.
- Username
  - Enter the same user name as you use in the server
- Password
  - Enter the same user password as you use in the server
- Test connection
  - Check the connection status

2. After you fill up the server setting, you can choose to select all or select the server you want to display on the report :



<input type="checkbox"/>	Server Name	Server IP/Port(WAN)	Server IP/Port(LAN)	Server Type	Username	Connection Status	Edit/Remove
<input checked="" type="checkbox"/>	Local Host	127.0.0.1:80	127.0.0.1:8000	IP+	admin	Connected	 
<input checked="" type="checkbox"/>	Server 1	4.5.6.1:45	45.6.4.5:33	Unknown	cvb	Disconnected	 
<input checked="" type="checkbox"/>	Server 2	5.6.14.5:12	45.6.4.5:456	Unknown	vhgg	Disconnected	 

3. You can edit or remove the server by pressing the icon below :



<input type="checkbox"/>	Server Name	Server IP/Port(WAN)	Server IP/Port(LAN)	Server Type	Username	Connection Status	Edit/Remove
<input checked="" type="checkbox"/>	Local Host	127.0.0.1:80	127.0.0.1:8000	IP+	admin	Connected	 
<input checked="" type="checkbox"/>	Server 1	4.5.6.1:45	45.6.4.5:33	Unknown	cvb	Disconnected	 
<input checked="" type="checkbox"/>	Server 2	5.6.14.5:12	45.6.4.5:456	Unknown	vhgg	Disconnected	 

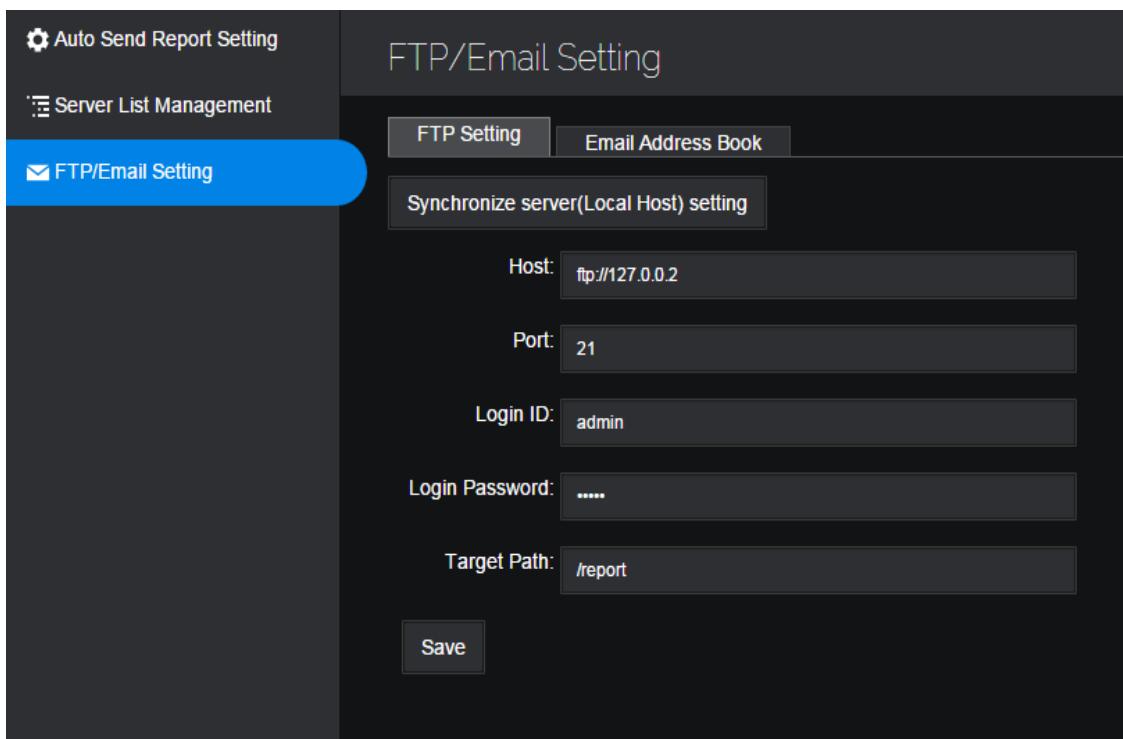


Please make sure to enable IVS service on server side to show the device list on report service accordingly.

### 3.4.2.3 FTP/Email Setting

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#### FTP setting :



To set up the FTP, user can choose two way :

- Synchronize server's setting
- manual enter the FTP information

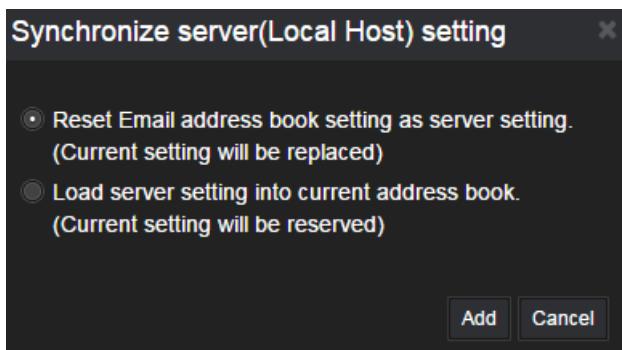
#### Email Setting :

The screenshot shows the NUUO Web Client interface. The main title is "NUUO Web Client". In the top right corner, there are links for "Report Service", "Configuration", and "Account". On the left sidebar, there are three items: "Server List Management", "Auto Send Report Setting", and "FTP/Email Setting", with "FTP/Email Setting" being the active tab. The main content area is titled "FTP/Email Setting" and contains two tabs: "FTP Setting" and "Email Address Book", with "FTP Setting" selected. Below the tabs is a toolbar with a plus sign (+) and a refresh icon (refresh). The main table lists the following data:

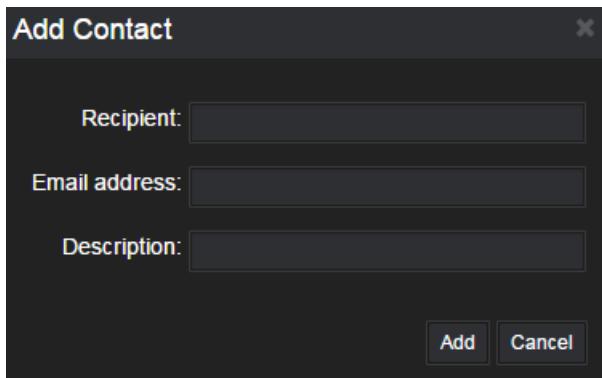
	Recipient	Description	Email Address	Edit/Remove
<input type="checkbox"/>	mm12	dsf	mm1@nuuo.com	
<input type="checkbox"/>	mm2	kkjk	mm2@nuuo.com	
<input type="checkbox"/>	mm3		mmmmmm3@nuuo.com	
<input type="checkbox"/>	fhfgh		dsfg@dfsg.df	
<input type="checkbox"/>	dfg		dfgh@rg.yj	
<input type="checkbox"/>	yoyo	123	yoyo_pan@nuuo.com	
<input type="checkbox"/>	AAAAAAAAAAAAA... gggggggggggggggggggg...		abc@sdf.bg	
<input type="checkbox"/>	dfgb		cvb@lr.uhik	
<input type="checkbox"/>	cc		xzs@ewr.ouip	

To set up the email, user can choose two way :

- Press the icon to synchronize to server's setting then it will pop up the window with two options :
  - Reset the email setting back to server setting
  - Save the current setting

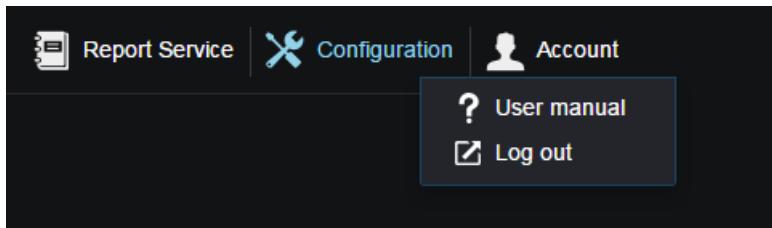


- Press the icon to manual enter the FTP information :



### 3.4.3 Account Management

[Report Service](#) | [Table of Content](#)



Through pressing the account, you will find 2 option as below :

Graphic Button	Description
User manual	Open the Web Client User Manual
Log out	Log out the Web Client