



The Point of Sale Solution

Hardware & Software Installation User Manual

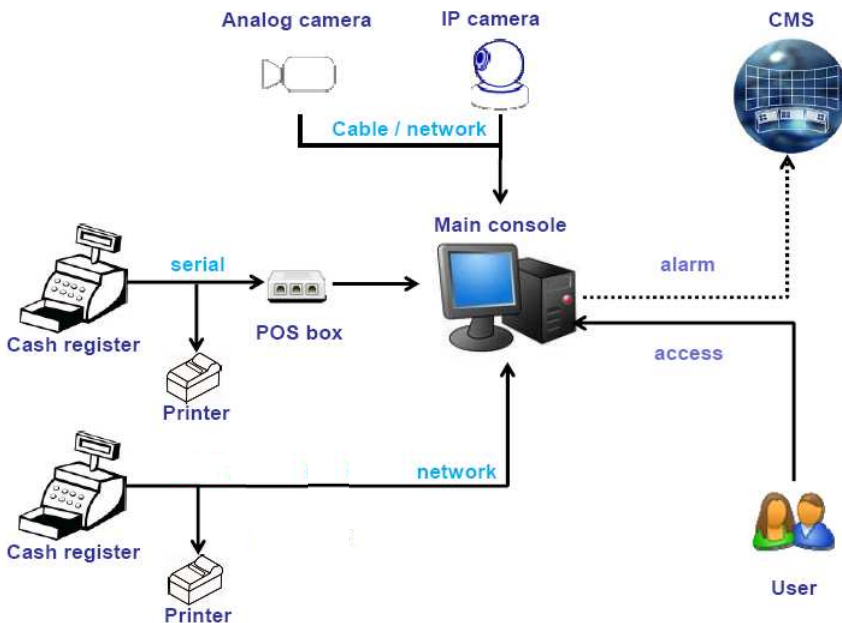
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SYSTEM INTRODUCTION

NUUO POS, a Point of Sale Systems based on NUUO NVR/DVR/NVDR, provides financial transaction's surveillance solution in one central system. The architecture is as below; POS transaction data flows to NVR by Ethernet. Each Cash Register with an external receipt printer is connected by DB9 cable. The transaction information delivered in R232 format can be converted to Ethernet through SCB-C31A POS data capture convertor. Alternatively, Cash Registers that support TCP/IP or COM port output can connect directly to the system without the SCB-C31A box.



Definition of Terms

Terms	Definition
POS Original Data	Original data from POS. Usually with a lot of symbols and no line feed.
POS Transaction	Filtered result by user-defined tag-filter.
POS Event Log	Smart Guard Event Log from POS transaction. It includes Transaction start, Transaction end, Cash register open, User defined condition. Abbreviation of POS Log.

System Introduction

Product Specification

NUUO Capture Box	
SCB-C31A POS	
Input	RS232
Output	Ethernet
DC In	DC +10V to +15V
Power consumption	500 mA
Operating Temperature	-20 to 65°C
Operating Humidity	0-90 % Non-Condensing
Baud Rate	110 bps to 230.4 kbps
Data Bits	5, 6, 7 or 8
Stop Bits	1, 1.5 or 2
Parity	None, Even, Odd, Mark, Space
Flow Control	None, RTX/CTS, XON/XOFF, DTR/DSR

HARDWARE INSTALLATION

SCB-C31A POS data capture convertor

To connect Cash Register, Printer, and SCB-C31A POS data capture convertor together, please follow below steps:

Step 1: Please refer the user manual to setup Cash Register and printer.

Step 2: Using a “Y-shape” DB-9 cable, one DB-9 female connect to POS system and one DB-9 male connect to the receipt printer Y-shape (provided by Printer vendor).

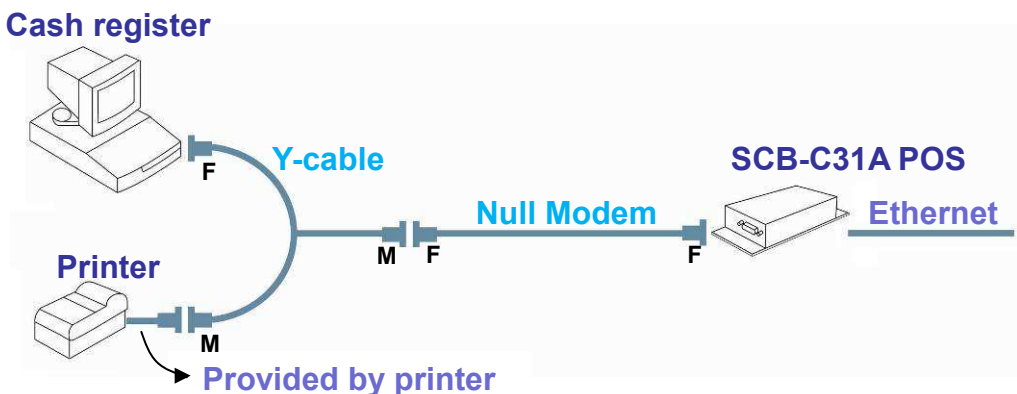
Step 3: Using another DB-9 female connect to SCB-C31A POS Data Capture R232/Ethernet convertor with Null modem.

Note: There are two kinds of serial cable: Straight pass-through and Null-Modem. The connection between SCB C31A POS Data capture box and Y-cable must be null modem (in package).

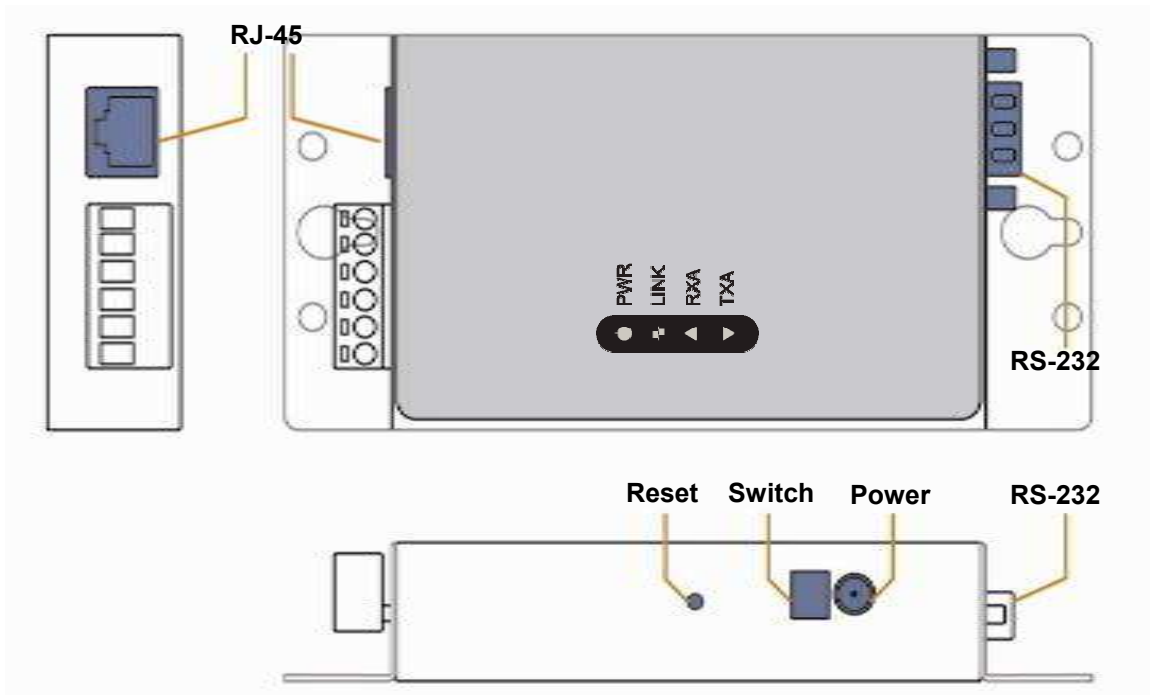
Step 4: Check the system switch of the SCB-C31A POS is switch to OFF, OFF position.

Step 5: Connect power source with SCB-C31A POS.

Step 6: Connect SCB-C31A POS with internet port by RJ45 LAN cable.



System Introduction



The LED Indicators:

PWR LED: System is ready (Blinking).

LINK LED: Ethernet cable connection and data active.

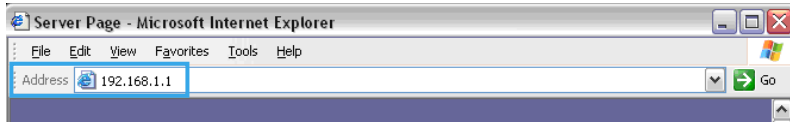
RXA LED: Transmitting/Receiving Indicator.

TXA LED: No option of SCB-C31A POS

SOFTWARE INSTALLATION

SCB-C31 POS data capture convertor

Step 1: Use IE-browser to setup SCB-C31A POS, the default IP address is **192.168.1.1**



Step 2: Setup IP address and password, and then setup IP address.

Note: Each time you switch the page of the web, please click **Save** at first. If you leave this page without saving, all changes will be ignored.

Step 3: Setup Password if needed. Password is only using to activate a security feature on the serial server. Once a password is entered it will be required to access the menu and make change of configuration when access.

Note: Please write down the Serial number and MAC address, these two parameters are necessary when user forget your password.

A screenshot of a web-based configuration interface. The page has a light blue background. It contains several sections of settings:

- Serial Settings:** Data Bits (8), Data Parity (None), Stop Bits (1), Flow Control (None).
- Network Settings:** A checkbox for "Enable DHCP" is unchecked. Below it are input fields for Static IP Address (192.168.3.114), Static Subnet Mask (255.255.252.0), Static Default Gateway (192.168.1.1), and Static DNS Server (192.168.1.1). A dropdown menu for Connection Type is set to "TCP", and a text field for Transmit Timer is set to "10".
- Server/Client:** A dropdown menu is set to "Server". Under "Server:", the Server Listening Port is "4000". Under "Client:", the Destination IP is "192.168.1.2" and the Destination Port is "4000".
- New Password:** A text field with four asterisks. Below it is an unchecked checkbox for "Enable Reboot" and two buttons: "Apply" and "Reset".

Step 4: Setup according to your POS or Cash Register. Usually all devices are default setting, you can reserve your time to pass this step.

Step 5: Please **restart/reset** the box after changing configurations to active setup.

To reset the unit manually apply power, insert a small plastic

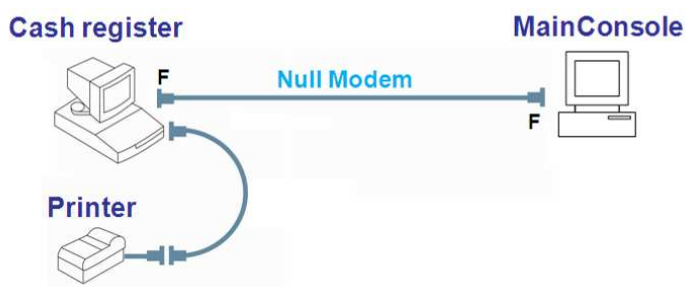
System Introduction

tool, and press lightly depressing reset located between the switch (refer page 5). Hold for 3 seconds and release. The Link and Run light will go out and turn back on. The SCB-C31A POS will revert to the last setting.

Note: Every time you change the configuration of SCB-C31A POS, please check the above settings, especially maximum connection and Remote IP address to avoid connection fail.

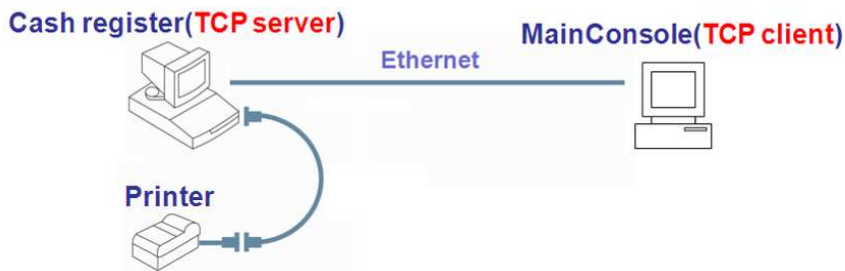
Connection via COM Port

Please install system according to following diagram:



Connection via TCP Client

Please install system according to following diagram:



NUUO NVR/DVR/Hybrid system installation

Please refer to the Main Console user manual to complete system installation with the NVR/DVR/Hybrid systems installation CD.

System Setup

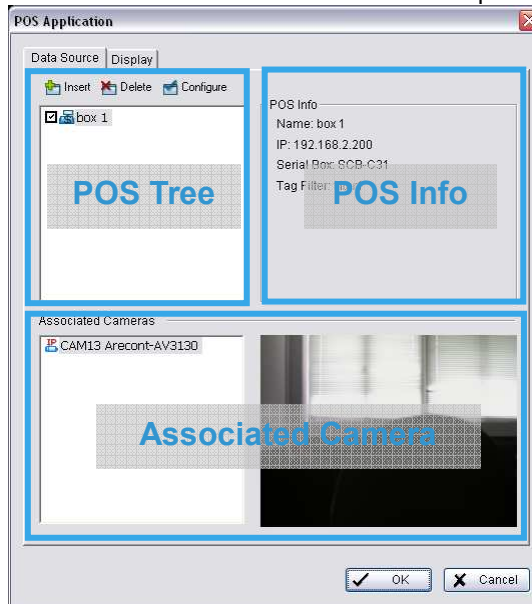
SOFTWARE SETUP

1. POS Device Management

Each NUUO Main Console system can manage up to 64 POS cash register devices. This section will teach you how to setup config of your system.


Run **Main Console** and click on  **POS Application** from the  **Config** menu to open POS Application window.

You are able to Insert/Delete/Configure POS devices in this window. Choose devices from the POS Tree, and info will be shown in the POS Info window. Associated cameras will be shown in the preview window below.

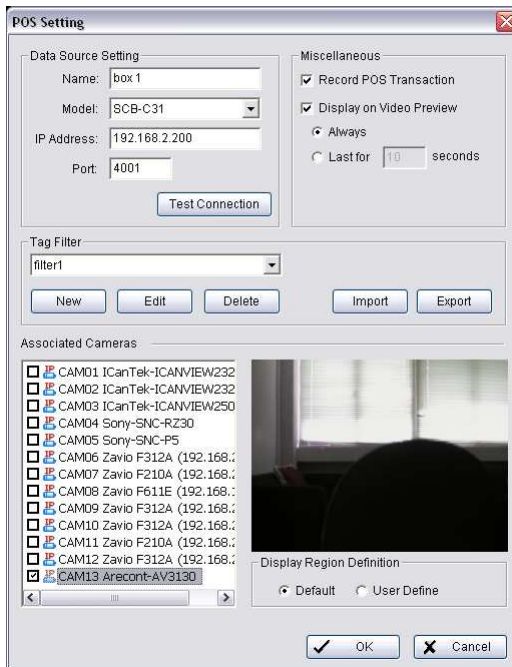


1.1. Insert/Delete/Configure POS devices

To Insert a POS device

1. Click the  Insert button to open the POS Setting window
2. Configure data source info, including **Name**, **Source Type**, **IP address** and **Port**.
3. After setting, click **Test Connection** to test POS device connection. If all the settings are correct, the system will popup "POS "name (IP)" is available" message to confirm the setting is successful.

System Setup




4. Setup Miscellaneous options, including **Record POS Transaction** and **Display on Videos Preview**.
 - a. **Record POS Transaction:**
 Select this checkbox to record POS transaction data and to transfer into MS database. The MS data will allow searching and display on associated recording video, and the MS data files can also provide third-party application to analysis.
 - b. **Display on Video preview:**
 Select this checkbox to display POS transaction data overlay on associated camera live videos.
 Two types of transaction data display time: **Always** means keep transaction data on video until receiving next transaction data. **Last for 10 seconds** means each transaction data only last on video for 10 seconds.
5. Select Tag Filter (refer to Tag Filter section on on page 10).
6. Enable checkbox to select cameras desired to be displayed with POS transaction data overlay on live video.
7. In **Display Region Definition** option, setup display area for each camera video.
 - a. **Default:** The default display area is below the camera OSD.
 - b. **User Define:** Right-click on video preview and drag rectangle to define display area.
8. Click **OK** to save.

To delete POS device

1. Choose POS device.
2. Click  Delete button to remove this POS device from the system.

To configure POS device

1. Choose POS device.
2. Click  Configure button to open POS Settings window.
3. Please refer **To insert POS device** section (page 8) to modify configuration.

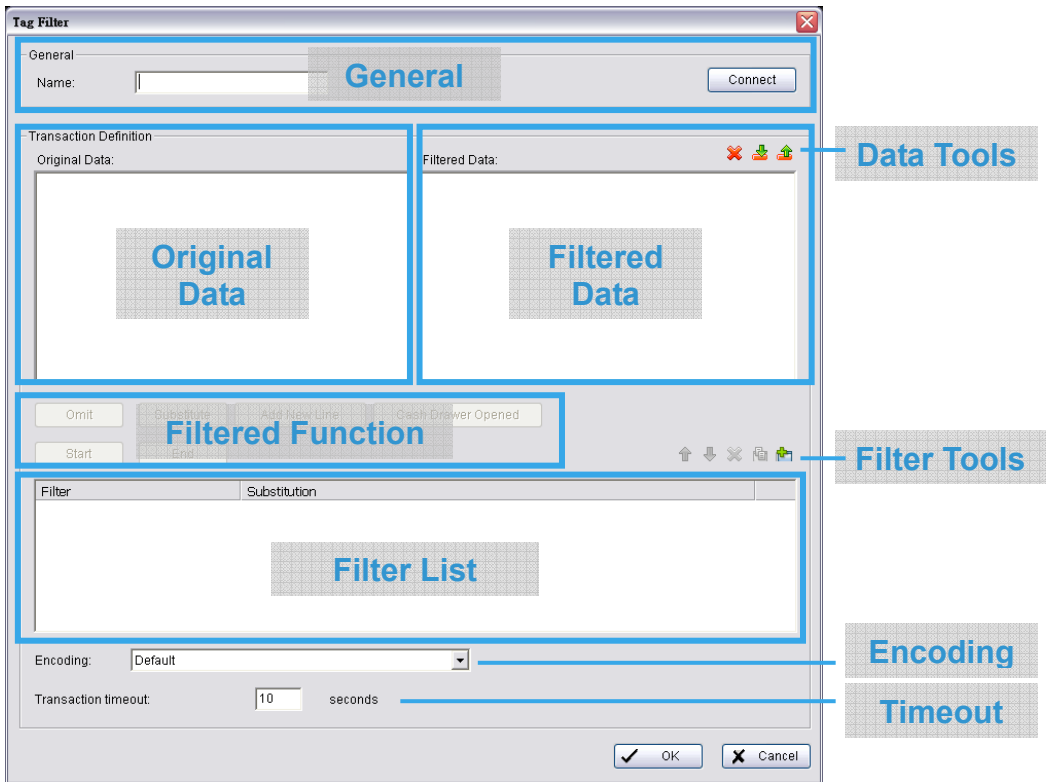
1.2. New/Edit/Delete/Import/Export Tag Filter


The original transaction data from POS system is hard to read. Users can define filters to make it comprehensible. NUUO also provides a simple default tag filter to help filter out some common EPSON commands. Users can edit other customized filters based on this default tag filter.

To add new Tag Filter

1. Click on the **New** button to open the Tag Filter window.
This window includes the following sections:
 - a. **General**: Setup Tag Filter name and a test connect button.
 - b. **Original Data**: Show original transaction data from POS device.
 - c. **Filtered Data**: Show filtered data after defined filter.
 - d. **Filtered Function buttons**: Tool used to define filter type.
 - e. **Filter List**: A list of all filters.
 - f. **Data tools**: Includes import/export buttons to import/export original binary data, and a clear button to clear original/filtered data windows.
 - g. **Filter tools**: Includes upper/down tool to arrange priority of each filter, or remove filters from list. You may also edit existing filters or add new ones.
 - h. **Encoding**: Choose desired language.
 - i. **Transaction Timeout**: Define a maximum time length for transactions to end when no more data is received.

System Setup



2. Enter name of tag filter.
3. Click **Connect** button to capture POS transaction data from POS device.
4. Please operate POS device to send transaction data to filter. The original transaction data will show on the left window.
Note: If you don't want the data to keep importing when editing filters, please click the **Disconnect** button to stop connection.
5. Data Tools: 
Export: Capture and export original Binary data
Import: Reload exported Binary data.
Clear: Remove data form Original Data and Filtered Data windows.
6. Start to edit tag filters:
 Click and highlight text from Original Data window, then use the six buttons below to define filters. The filtered transaction data will show on the right window.



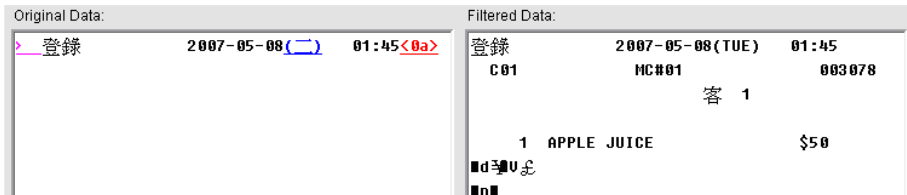
- a. **Omit:** Neglect the selected text which is meaningless or not important. The text will disappear in right filtered data window.



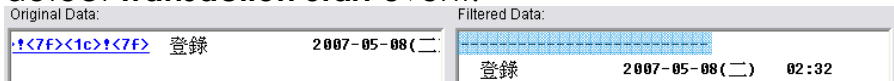
- b. **Substitute:** Use other words to replace the selected text. The system will popup a substitution panel for replacing desired words. The text on the filtered data window will show the result.



- c. **Add New Line:** Define the selected text as the symbol for changing to a new line. The result will show on the right filtered data table.

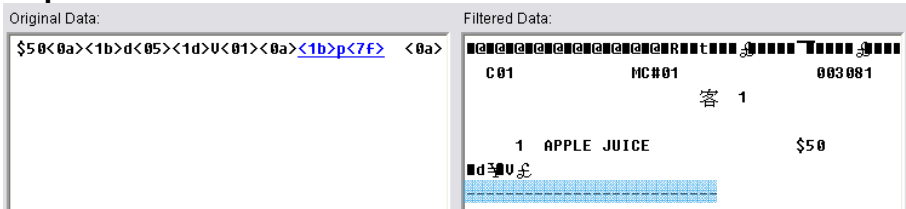


- d. **Start:** Define the selected text as the symbol for the beginning of a transaction. It will be replaced as a line as shown below.
Note: This setup is also used as detection tag for Smart Guard to detect **Transaction Start** event.



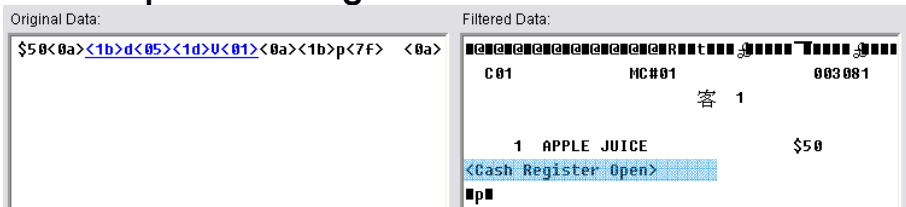
- e. **End:** Define the selected text as the symbol for the end of a transaction. It will be replaced as a line as shown below.
Note: No transaction end may result in error or lost info. If you do not define this filter please be sure to define a transaction timeout. For more info please refer to p.16. This setup is also used as detection tag for Smart Guard to detect **Transaction End** event.

System Setup



- f. **Cash Register Opened:** Define the selected text as the symbol for cash register opened. The filtered data will show the **<Cash Register Open>** mark as below.

Note: This setup is also used as detection tag for Smart Guard to detect **Open Cash Register** event.



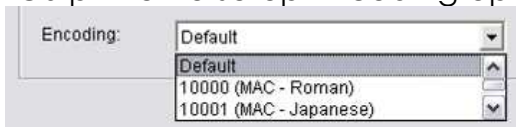
7. Filter Tools:

The buttons are used to change priority of sub filter criteria. The filter will operate by order of list; the filters on top will take effect first. The button will remove the filter from this list. Click on Edit / Add to configure tag filters or add new ones.

Filter	Substitution
<0a>	<New Line>
<1d>v<01>	<Transaction End>
<1b>d<05>	<Cash Register Open>
<1b>!	<Transaction Start>
<1c>!	

- 8. Click on **OK** to save configuration.

Note: If codepage of POS printer is different with Windows OS, please correspond with POS printer to setup Encoding option.



To Edit Tag Filter

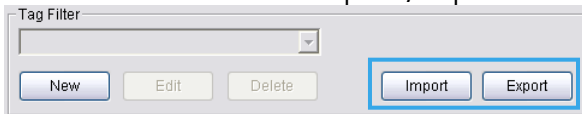
1. Select Tag Filter name from drop-down menu,
2. Click **Edit** button
3. Configure the Tag Filter window.
4. Click **OK** to save configuration.

To Delete Tag Filter

1. Select Tag Filter name from drop-down menu,
2. Click **Delete** button

To Import/Export Tag Filter


1. Click **Import/Export** button and select Import/Export URL.

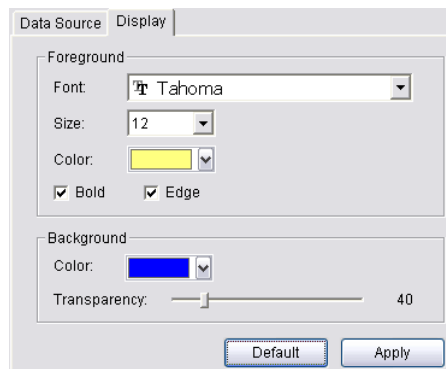


2. Click **Open/Save** to Import/Export Tag Filter.
3. After Import Tag Filters, users can simply select tag filter form drop-down menu without edit new tag filter.

1.3. Setup POS Display Font

This option allows to setup font of POS transaction data on video.

1. Run **Main Console**, click on  **POS Application** from **Config** menu to open POS Application window, and then switch to **Display** tab.
2. For POS transaction data displayed overlay video, select the font, font size, font color and any font effects user wants.








System Setup

2. Smart Guard Detection



2.1. POS Event

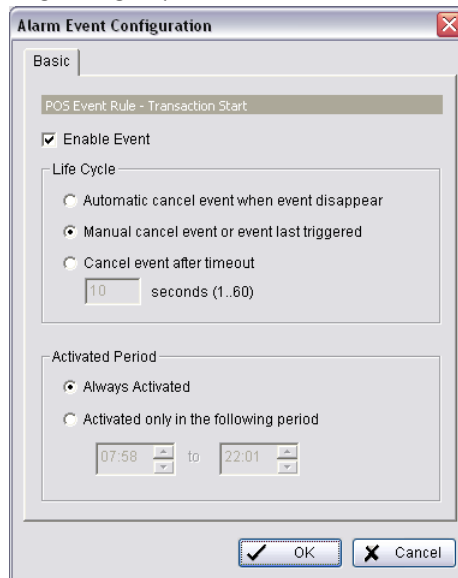
Each POS System has five POS Event types:

-  **Transaction Start** - Detect any transaction beginning
-  **Transaction End** - Detect any transaction ending
-  **Open Cash Register** - Detect any cash register opening
-  **User Defined** - Detect any condition which is defined by user
-  **Connection Lost** – Detect any connection abnormal event between the POS and Main Console systems.

Note: First three events require a pre-defined detection tag, please refer to Edit Tag Filter section (see page 11).

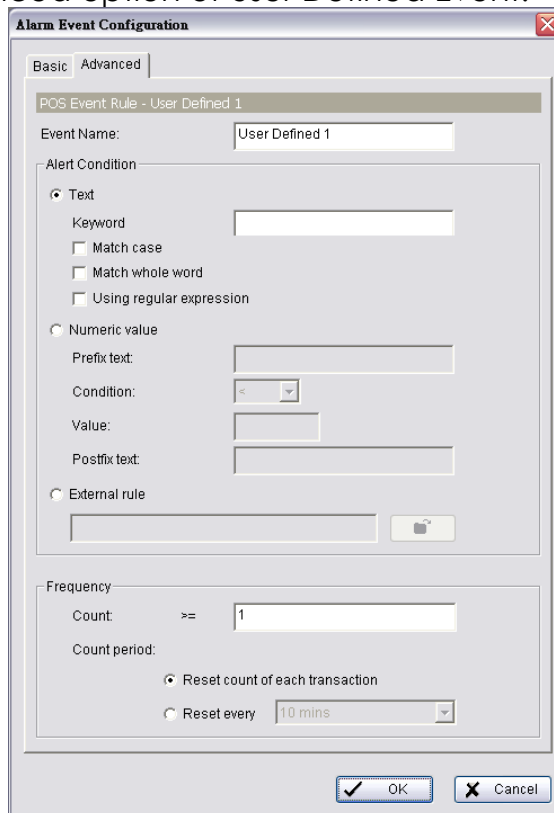
To add new POS Event

1. Select  POS device from device tree.
2. Click on  button to open Select Event Window.
3. Select Event Type.
4. Setup basic option of Event.



- a. **Enable Event:** Check the box to activate.
- b. **Life Cycle:**
 - **Manually cancel event or event continues triggered:**
The alarm/action will continue until being canceled from Main Console (Start>Open Event Report>Cancel All Events). The user currently not at the seat watching the screen will be notified by the alarm.
 - **Cancel event after timeout xx seconds:**
Enable checkbox and setup the timeout seconds to cancel the event after the time that you set whatever the events disappear or not.
- c. **Activated Period:**
 - **Always Activated:**
Enable this option, the system will react always.
 - **Activated only in the following period:**
Setup the system to react during a certain time period; for example, office working hours (8:58 to 18:02).

5. Setup advanced option of User Defined Event.



System Setup

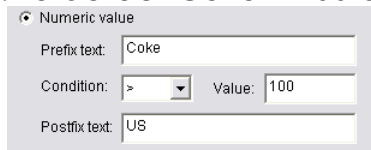
- a. **Event name:** Enter the name of user defined event.
- b. **Alert Condition:**
 - **Text:**

Enter the text user wants to detect in Keyword column. Enable **Match case** to search for names where the case matches the letters you entered. Or enable **Match whole word** to search for the terms you entered as a whole word. Check **Using Regular Expression** to include regular expression commands in search.
 - **Numeric value:**

Enter a number as the condition of event and then choose one of the symbols (\leq $<$ $=$ $>$ \geq) to define the numeric value.

For advanced settings, use **Prefix text/Postfix text** to detect special text before/after the value's condition.

For Example: To detect Coke > 100 US, please insert as below:



The screenshot shows a dialog box titled "Numeric value" with a radio button selected. It contains three input fields: "Prefix text" with the value "Coke", "Condition" with a dropdown menu showing ">" and "Value" with the value "100", and "Postfix text" with the value "US".

Note: The value is also case sensitive, you must key in “,” symbol to search for 10,000US.



- **External rule:**



This feature allows developers to customize event rules. Main Console can send filtered transaction data to third-party applications and receive reply on whether to trigger alarm or not. Please contact service@nuuo.com for details.
- c. **Frequency:**
 - **Count:**


Alarm will be triggered when this event happens over specific number of times.
 - **Count Period:**

To reset count after each new transaction, or under specified period of time.

To Copy Event to other POS Devices










1. Right-Click on POS Event which you want to copy. For example, click , and select  **copy**.

2. Switch to other  POS device which you want post event:
Right-click on POS device, and select  **post**.

Note: IF you want to copy POS event to all POS devices, simply select  **copy to all** of right-click menu on step 1.

2.2. Instant Action on POS Event

Each POS Event can be setup to trigger 9 instant response actions:

-  **On Screen Display** - A red warning message will be flashing on the screen of associated cameras.
-  **Play Sound** – Play sound warning.
-  **Send E-mail** - Send E-mail with event type, time, and snapshot of first associated camera.
-  **Phone Call** – dial phone call.
-  **PTZ Preset Go** – Control PTZ camera move to a preset point or patrol around preset points.
-  **Signal Digital Output** - Triggers traditional alarming output devices.
-  **Send a SMS message** - Send a SMS message with event type and time.
-  **FTP** – Upload snapshot of first associated camera to FTP.
-  **Popup E-Map on Event** – Auto popup E-map window to show POS device location.

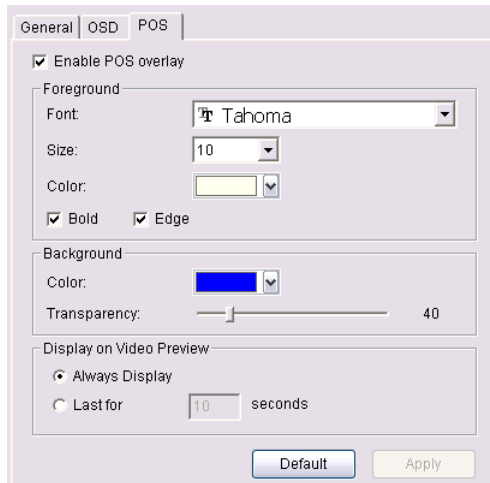
Note: For detail configuration please refer to chapter 4.2 *Action* section of Main Console user manual.

3. Playback

To enable POS overlay option

1. Click  to open Setting window, and then switch to **POS** tab.

System Setup





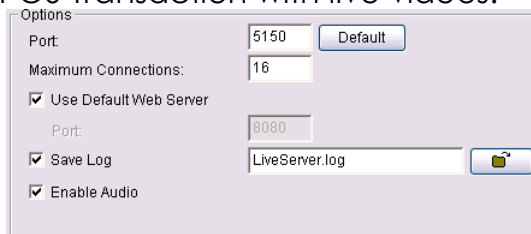
2. Check the box of **Enable POS overlay**, the transaction data will be overlaid on associated camera's recording video.
3. Set up overlay configuration; select the font, size, font color and any font effects user wants.
4. Setup option of **Display on Video Preview** to display POS transaction data overlay on associated camera live videos.
 - Always Display:** To keep transaction data on video until receiving next transaction data.
 - Last for 10 seconds:** Each transaction data is displayed last on video for 10 seconds.

4. Remote Network Service


NUUO systems allow users to access POS data on remote sites.

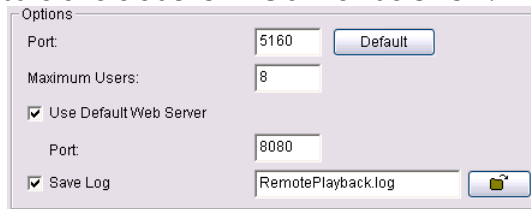
To Start Network Service of Main Console

1. Open  **Config** menu and click **Network Service** to open Network service window
2. Switch to  Live Streaming tab.
3. Setup the options of connection and then click **start** to allow remote view POS Transaction with live videos.



Note: Port 5150 is used when connecting via NUUO Remote Live Viewer application. Web server port 8080 is used when connecting via IE-browser. Please refer to chapter 5.14 *Network Service* section of Main Console user manual for details.

4. Switch to  Remote Playback tab.
5. Setup the options of connection and then click **start** to allow remote access database of POS Transaction.



The screenshot shows a dialog box titled "Options" with the following fields and controls:

- Port:** A text input field containing "5160" and a "Default" button to its right.
- Maximum Users:** A text input field containing "8".
- Use Default Web Server**
- Port:** A text input field containing "8080".
- Save Log**
- Log File:** A text input field containing "RemotePlayback.log" and a "Browse" button to its right.

Note: Port 5160 is used when connecting via NUUO Playback application. Web server port 8080 is used when connecting via IE-browser. Please refer to chapter 5.14 *Network Service* section of Main Console user manual for details.

Operation Tool

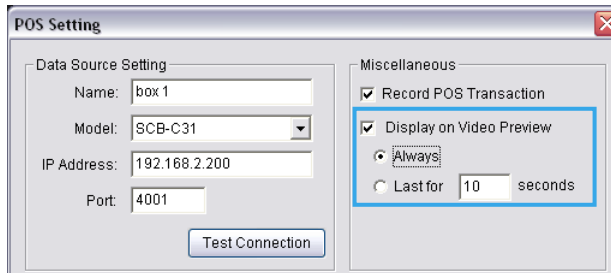
OPERATION TOOLS

1. Live Display

To Display POS Transaction Data Overlay

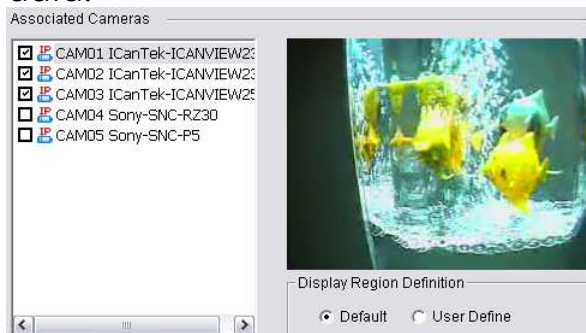
1. Enable **Display on Video Preview option.**

Please go to **Main Console > Config > POS Application** > select POS device and Configuration window, and then check the box of this option.



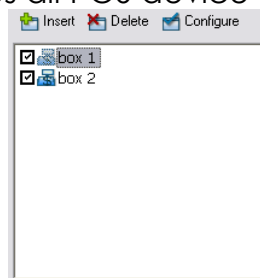
2. Select **Associated Cameras.**

In Associated Cameras setup region, select cameras to overlay POS transaction data.



3. Enable the POS device application

After setting the associated camera, click **OK** button back to POS Application window. Select POS device form the device list, the system default enables all POS device when inserted.



- View the Live Video with POS transaction data
After above setup, the transaction data would show on video when transactions happen.



2. Log Viewer Search

Log Viewer is a tool used to search **Unusual Events** (Smart Guard Events), **System Logs**, **Counting Application** results, and **POS Logs** (POS Event Logs). For detailed description, please refer to chapter 5.12 Log Viewer section of Main Console user manual.

Note: If you want to search the transaction data, please use POS Search tool on next section 3. POS Transaction Data Search on page 24.

To Search POS Event via Main Console

- Run **Main Console**, click on  **Log Viewer** from **Config** menu to open Log Viewer window, and then switch to **POS Log** tab.

Event Time	Event Name	PO...	Description
2008/07/08 11:48:53	User Defined 1	fake	Numeric value "195168872" before "APPLE" is detected Det
2008/07/08 11:48:52	Transaction Start	fake	<Transaction Start>
2008/07/08 11:48:49	Transaction End	fake	<Transaction Ends>
2008/07/08 11:48:48	User Defined 1	fake	Numeric value "194834496" before "APPLE" is detected Det
2008/07/08 11:48:47	Transaction Start	fake	<Transaction Start>
2008/07/08 11:48:44	Transaction End	fake	<Transaction Ends>
2008/07/08 11:48:43	User Defined 1	fake	Numeric value "194834656" before "APPLE" is detected Det
2008/07/08 11:48:42	Transaction Start	fake	<Transaction Start>

- Select **Log Type** and **POS** device from drop-down menu.
- Setup time criteria to search for special **Date** or a period of **Date&Time**.
- Click on **Search**, and search result will list on table.

Operation Tool

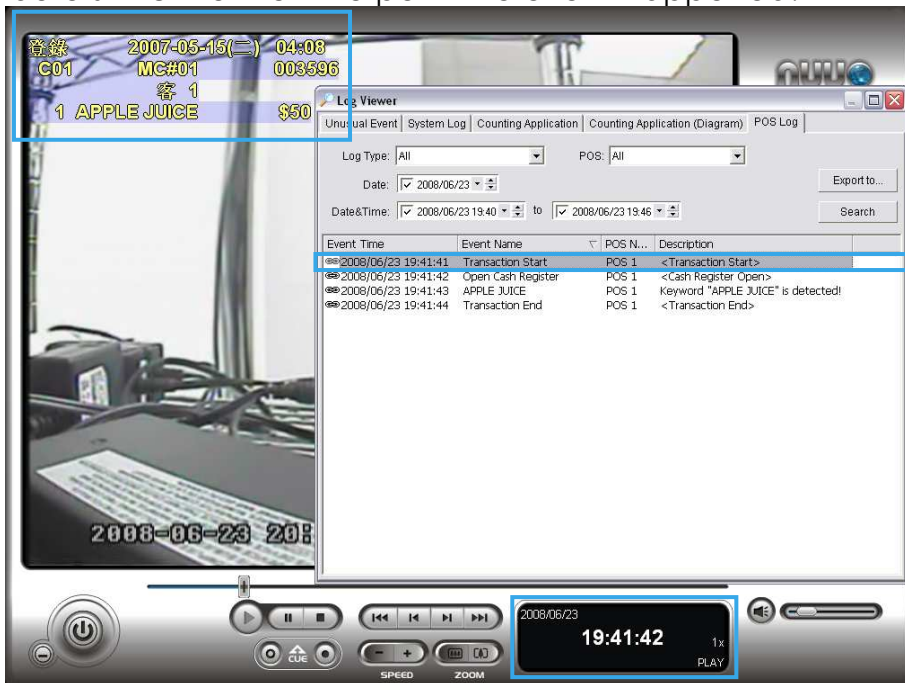
Note: If you want to copy the search result to other application, simply click on **Export to...** button to save result as an excel table.

Note: A link (📺) will appear next to each event time where video is available. By clicking on the link, an instant playback window will pop up to show recorded video.



To Search POS Event via Playback

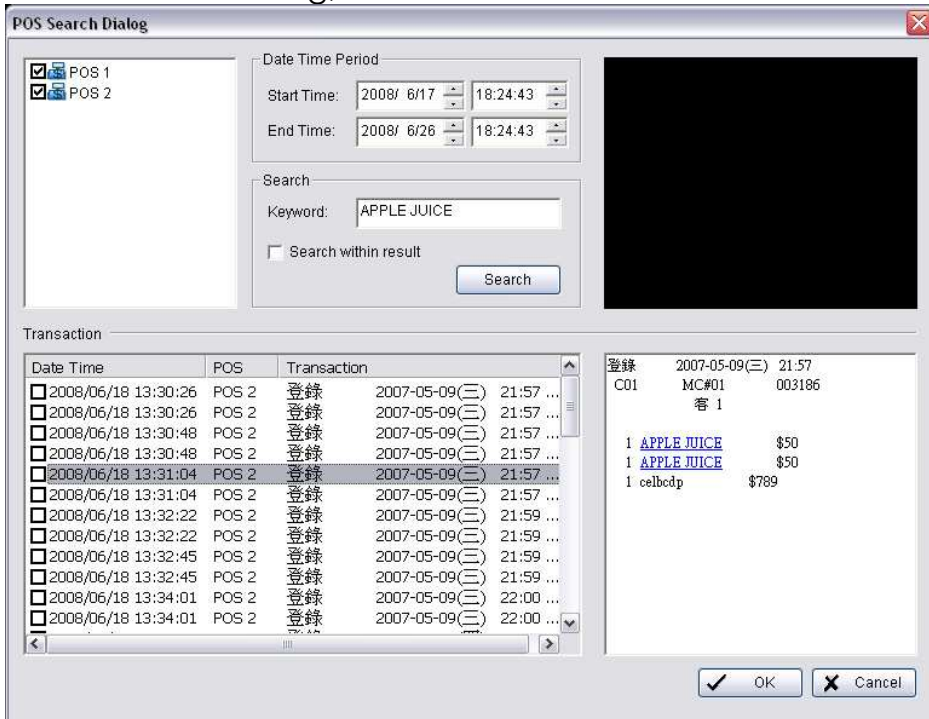
1. Run **Playback**, open record to select the video period, and click **👁️ Log Viewer** button to open Log Viewer window.
2. Follow the step 2-4 on previous section to search POS Log.
3. Double-click on POS log from result table, and the video will auto switch to the time of POS log.

For Example: When clicking on a specific log from the list, the video will auto switch to the time point the event happened.



3. POS transaction data Search

POS Search tool is used to search key words of all transaction data. To open this tool, please click on  Playback application to open Date Time Search Dialog, and then click on  button.



In POS Search Dialog, please follow the steps blow to search from POS devices, Date Time Period, or special keywords.



1. Check the box of POS devices from the POS list.
2. Setup Start Time and End Time in Data Time Period section.
3. Enter keyword you want to search.
Note: This search is case sensitive, you must key in “,” symbol to search for 10,000US.
Note: Regular Expression commands are supported in search.
4. Click Search button, Transaction table will show results.
5. Select items from Transaction table, the whole transaction detail will show in right-down table and the record video of first associated camera will show in right upper corner.
6. Check the box of Search within result and enter keyword, it will search again within the results.

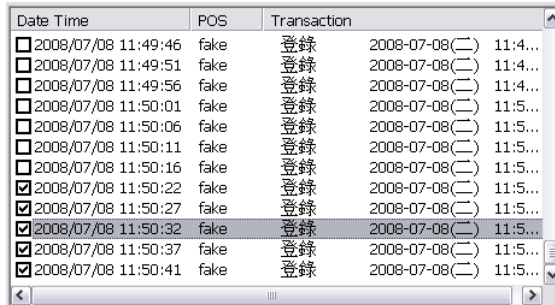
Operation Tool

4. Playback video with POS data

To view record video with POS transaction data, please check you have enable POS overlay option (refer the page 25). If you have started this option, the system will auto overlay transaction data when play recording video. Below are two modes to select video period.

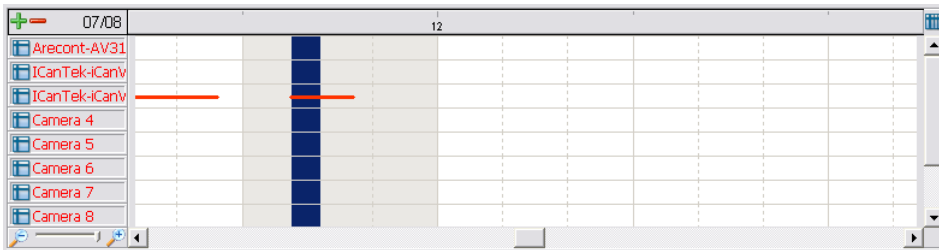
To select Period by POS search

1. Click  on Playback application to open Date Time Search Dialog, and then click on  button
2. Follow above section 3 POS Transaction data search to search.
3. Select the transaction data for result list, and click OK.




Date Time	POS	Transaction
<input type="checkbox"/> 2008/07/08 11:49:46	fake	登錄 2008-07-08(二) 11:4...
<input type="checkbox"/> 2008/07/08 11:49:51	fake	登錄 2008-07-08(二) 11:4...
<input type="checkbox"/> 2008/07/08 11:49:56	fake	登錄 2008-07-08(二) 11:4...
<input type="checkbox"/> 2008/07/08 11:50:01	fake	登錄 2008-07-08(二) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:06	fake	登錄 2008-07-08(二) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:11	fake	登錄 2008-07-08(二) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:16	fake	登錄 2008-07-08(二) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:22	fake	登錄 2008-07-08(二) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:27	fake	登錄 2008-07-08(二) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:32	fake	登錄 2008-07-08(二) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:37	fake	登錄 2008-07-08(二) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:41	fake	登錄 2008-07-08(二) 11:5...

4. The period you select from POS search result will be automatically selected.



5. Click OK to go back to Playback application.


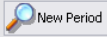

To select Period by Date&Time

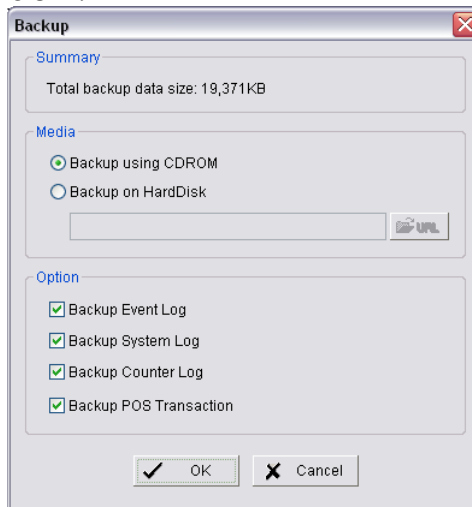
1. Click  on Playback application to open Date Time Search Dialog.
2. Setup Start Time on Date Time Period setup panel, or directly left-click and drag to select period from Time Table.
3. Click OK to go back to Playback application.

5. Backup video with POS data

NUUO system has three ways to backup video with POS transaction data.

To backup via Main Console


1. Open Config menu and then click  **Backup** to open backup system window (For detail, please refer capture 5.13 backup section of Main Console user manual).
2. Click on  to select data time period you want to backup. The period will be listed on table after click OK. Click  to open Backup option window.





3. Select the location where you want backup to.
4. Select which data base you want to backup with.
 - a. **Event Log**: The database of smart guide detected POS and Camera Events.
 - b. **System Log**: Include recycle, start/stop/modify schedule, Network service...
 - c. **Counter Log**: Database of Counting Application.
 - d. **POS Transaction**: The database of POS transaction data.
5. Click **OK** to backup.

Operation Tool

To backup via Backup System

1. Click on **Start > All Programs > NUUO Surveillance System >  NUUO Backup System** to open NUUO Backup System window.
2. Following above step 2-5 on backup on Main Console to backup video with POS transaction data.

To backup via Playback

1. Start Playback Application and use  **Open Record** tool to open video you want to backup.
2. Click  **Backup** to open backup dialog.
3. Check the period and cameras are what you want to backup.
4. Setup the location where you want to backup to.
5. Select which database you want to backup with.
6. Click **OK** to start backup.

6. Remote Access

NUUO systems have three remote tools to remote access POS data: NUUO Remote Live Viewer application tool, Playback application tool, and web browser. All access functions are the same as launch on local machine (please refer 3.2 POS Transaction Data search section on page 24).

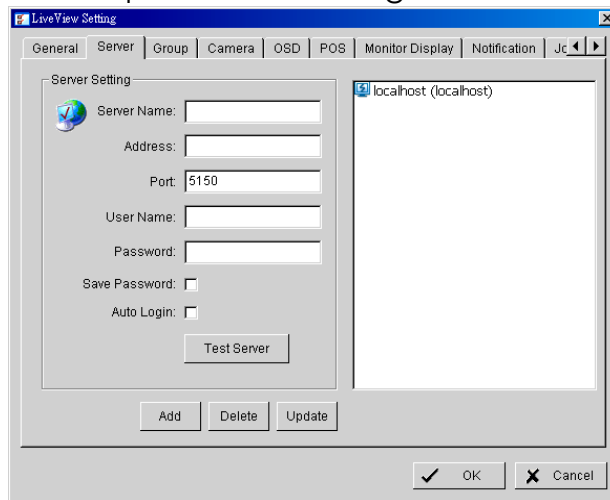
Note: Before using remote access tool, please check the network service of Main Console has been started (please refer chapter 4 Remote Network service on page 19).

Remote Access via Remote Live Viewer Application

1. Click General Setting to obtain LiveView Setting dialog.

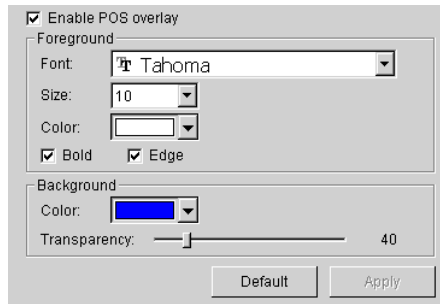


2. Select "Server" to open Server Setting window.



3. Setup Server Name, Address, Port, User Name.
4. Click on Test Server button to test the setup of server and connection is available.
5. Click Add button to add new server site to list, and then, click OK to save configuration.
6. Click on "POS" setting to open POS Setting window.
7. Select "Enable POS overlay" option to adjust OSD settings of POS information on monitor view.


Operation Tool

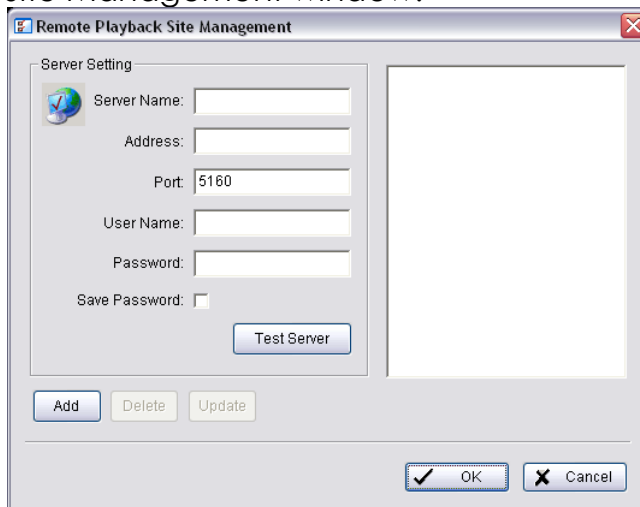




8. For POS transaction data displayed overlay video, select the font, font size, font color and any font effects user wants.

Note: The status of POS overlay will be the same with the one in MainConsole. Go to Main console> Config >POS Application to check if “Display on Video Preview” is enabled first, then the POS Overlay function could be enabled.

Remote Access via Playback Application

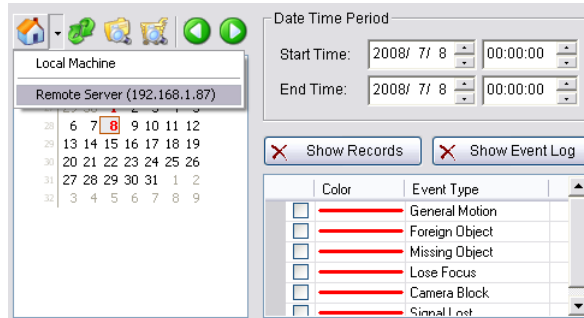
1. Go to  General Setting – Setting – Server to open Remote Playback Site Management window.



2. Setup Server Name, Address, Port, User Name
3. Click on Test Server button to test the setup of server and connection is available.
4. Click Add button to add new server site to list, and then, click OK to save configuration.
5. Click  icon on the top of the  Open Record window to

access the Remote Playback Site.

6. Follow the step on section 3.2 POS Transaction Data search section on page 24 to search POS transaction data.



Remote Access via IE-browser

1. Open an Internet Explorer browser and enter the IP address or DDNS name of the server followed by the connecting port.
Example: <http://169.254.54.171:8080/>
2. Select Remote Live Viewer / Remote Playback to launch option.
3. Follow above Remote Access section to view POS transaction data with live video(s), or play recorded video(s) with POS transaction data.