



The Point of Sales Solution

Hardware & Software Installation user's manual

TABLE OF CONTENTS

TABLE OF CONTENTS 1

SYSTEM INTRODUCTION 2

 Definition of Terms 2

 Product Specification 3

HARDWARE INSTALLATION 4

 SCB-C31 POS data capture convertor 4

SOFTWARE INSTALLATION 6

 SCB-C31 POS data capture convertor 6

 NUUO NVR/DVR/Hybrid system installation 8

SOFTWARE SETUP 9

 1. POS Device Management..... 9

 1.1. Insert/Delete/Configure POS device..... 9

 1.2. New/Edit/Delete/Import/Export Tag Filter 11

 1.3. Setup POS Display Font..... 15

 2. Smart Guard Detection 16

 2.1. POS Event..... 16

 2.2. Instance Action on POS Event..... 18

 3. Playback 19

 4. Remote Network Service..... 19

OPERATION TOOLS 21

 1. Live Display 21

 2. Log Viewer Search 22

 3. POS transaction data Search..... 24

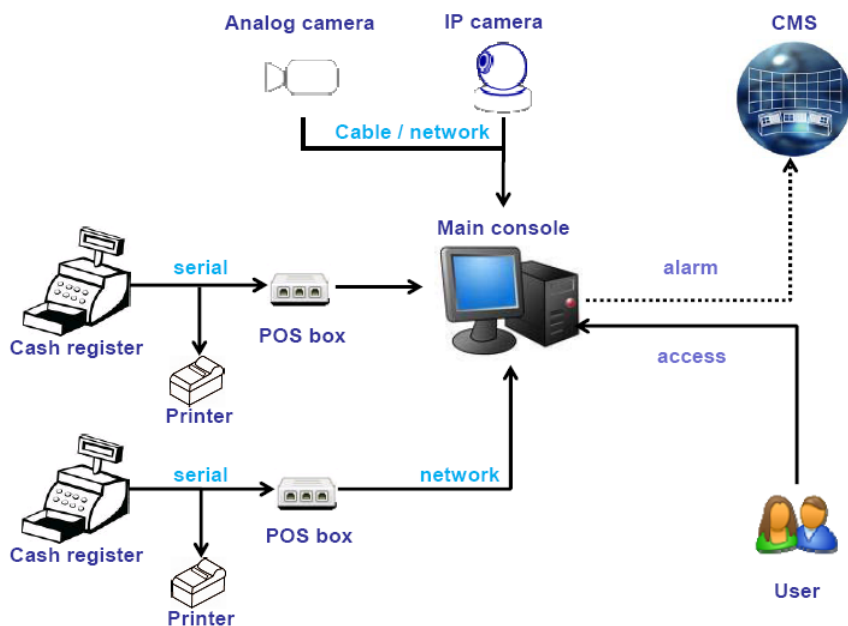
 4. Playback video with POS data 25

 4. Backup video with POS data 26

 5. Remote Access..... 28

SYSTEM INTRODUCTION

NUUO POS, a Point of Sales 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-C31POS data capture convertor.



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-C31	
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-C31 POS data capture convertor

To connect Cash Register, Printer, and SCB-C31 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).

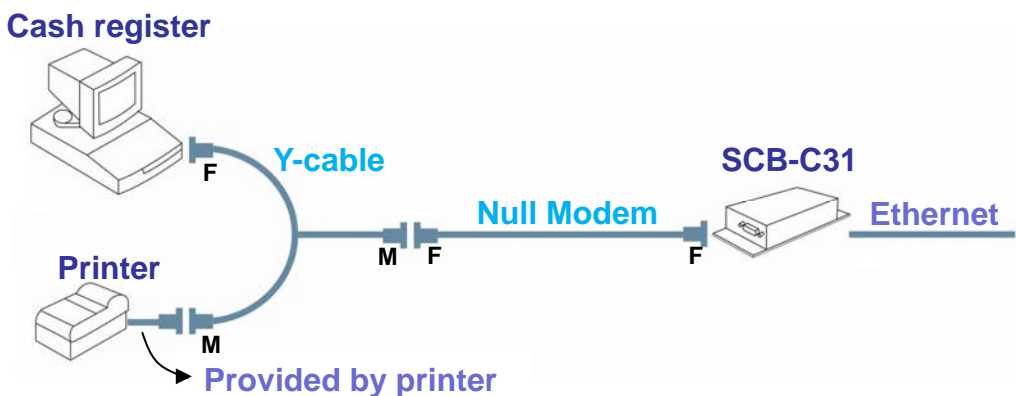
Step 3: Using another DB-9 female connect to SCB-C31 POS Data Capture R232/Ethernet convertor with Null modem.

Note: There are two kinds of serial cable: Straight pass-through and Null-Modem. The connection between SCB C31 POS Data capture box and Y-cable must be null modem (in package).

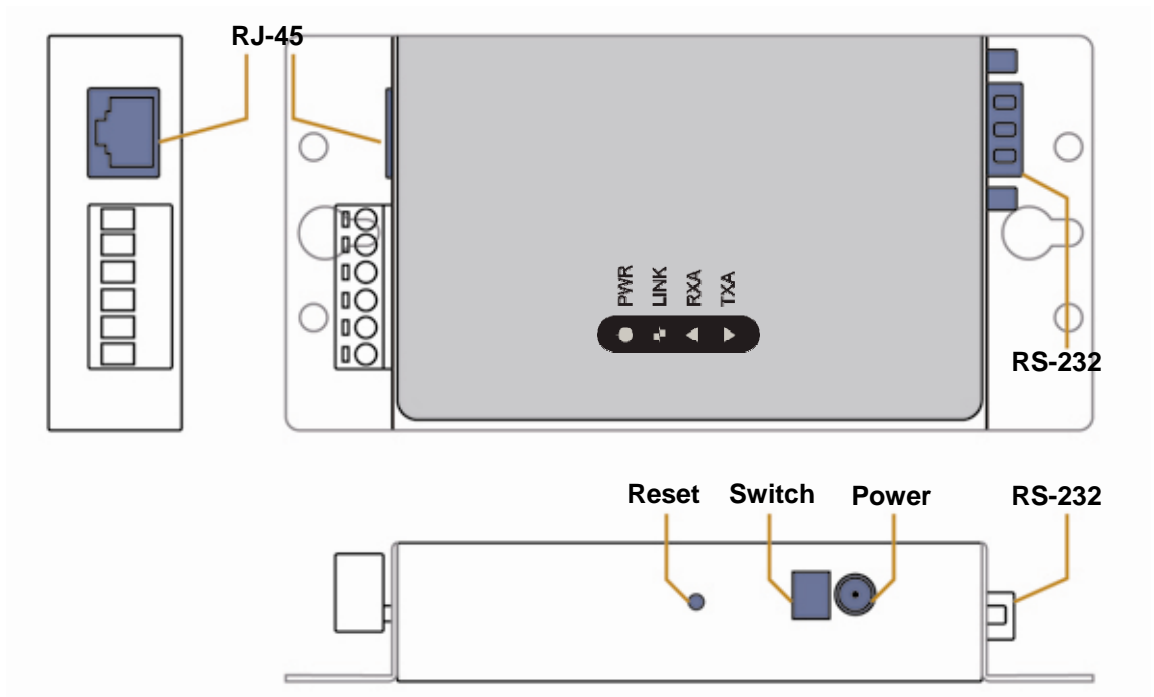
Step 4: Check the system switch of the SCB-C31 is switch to OFF, OFF position.

Step 5: Connect power source with SCB-C31.

Step 6: Connect SCB-C31 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.

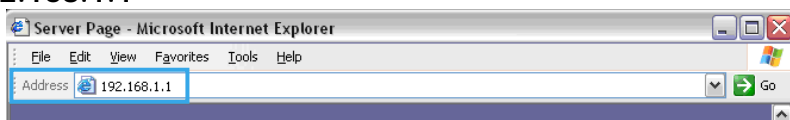
RXA LED: Transmitting/Receiving Indicator.

TXA LED: No option of SCB-C31

SOFTWARE INSTALLATION

SCB-C31 POS data capture convertor

Step 1: Use IE-browser to setup SCB-C31, the default IP address is **192.168.1.1**



Step 2: Setup IP address and password in Server page. Password is used 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. Click Save to save configuration.

Note: If you leave this page without saving, all changes will be ignored.

A screenshot of a web-based configuration page for the SCB-C31 device. The page has a sidebar on the left with three tabs: "Server" (selected), "Serial Port", and "Operation". The main content area is titled "Server" and contains various configuration fields. At the top, a note reads: "Note: If you leave this page without saving, all changes will be ignored!". The fields include: "Server name:" (SCB-C31), "Serial number:" (0056204069), "Version & Date:" (1.7 & 11/30/06), "Password:" (masked with dots), "DHCP:" (a dropdown menu set to "Disable"), "IP address:" (192.168.2.200), "Netmask:" (255.255.252.0), "Gateway:" (192.168.1.1), "MAC address:" (00:31:B4:42:02:2E), "Link status:" (100/Full Duplex), and "Hardware ID:" (N/A). At the bottom of the form are four buttons: "Save", "Default", "Running", and "Reset". A second note at the bottom of the page repeats: "Note: If you leave this page without saving, all changes will be ignored!".

Step 3: Switch to Serial Port page, and setup according to your POS or Cash Register. Usually all devices are default setting, you can reserve your time to pass this step. Click Save.

Note: If you leave this page without saving, all changes will be ignored.

Server

Serial Port

Operation

Note: If you leave this page without saving, all changes will be ignored!

Serial port: 1

Serial port mode: RS-232

Baud rate: 9600

Data/Stop bits: 8-1

Parity: None

Flow control: None

Delimiter Hex 1: 00

Delimiter Hex 2: 00

Force transmit: 0 100ms (0-65535)

Port status: Connected

Save Default Running Reset

Note: If you leave this page without saving, all changes will be ignored!

- Step 4: Switch to Operation page. Setup below parameters:
- 1. Port number: The default port is 4000.
 - 2. Maximum Connection: Set maximum number of connection to this IP.
- Note:* To avoid connection fail caused by no available connection, please make sure the value is 8,
- 3. Remote IP address: It means which IP have authority to access box IP. The default 255.255.255.255 will allow all IP to access the box.

Server

Serial Port

Operation

Serial port: 1

Port number: 4001

☒ TCP

Serial Timeout: 0 (0-65535 sec)

TCP alive Timeout: 0 (0-255 min)

Connection mode: Server

Connection at: Power up

Maximum connection: 8

Remote IP address: 255.255.255.255

☐ UDP

Destination IP address range		Port
0.0.0.0 to 0.0.0.0		4000
0.0.0.0 to 0.0.0.0		4000
0.0.0.0 to 0.0.0.0		4000
0.0.0.0 to 0.0.0.0		4000

Source IP address range	
0.0.0.0 to 0.0.0.0	
0.0.0.0 to 0.0.0.0	
0.0.0.0 to 0.0.0.0	
0.0.0.0 to 0.0.0.0	

Save Default Running Reset

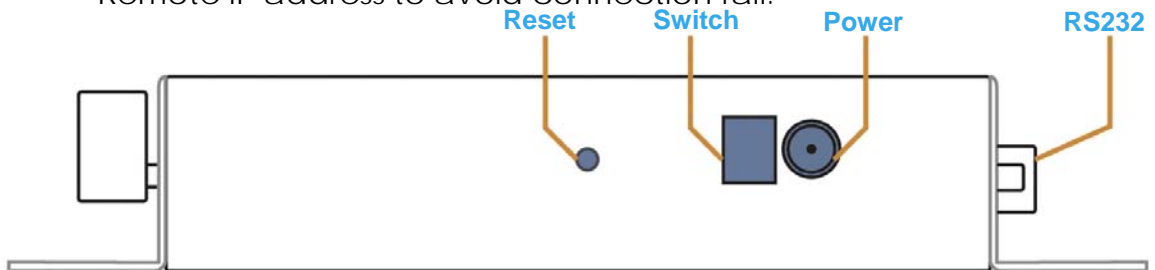
Note: If you leave this page without saving, all changes will be ignored!

Note: Please click Save button. If you leave this page without saving, all changes will be ignored.

Step 5: Please restart/reset the box after setup all configurations.

The reset button is located between the switch and terminal block. To reset the unit manually apply power, insert a small plastic tool, and press lightly depressing switch. Hold for 3 seconds and release. The Link and Run light will go out and turn back on. The SCB-C31 will revert to the last setting.

Note: Ever time you change the configuration of SCB-C3, please check above setting, especially maximum connection and Remote IP address to avoid connection fail.




NUUO NVR/DVR/Hybrid system installation

Please refer Main Console user manual to install software which come with NVR/DVR/Hybrid systems installation CD.

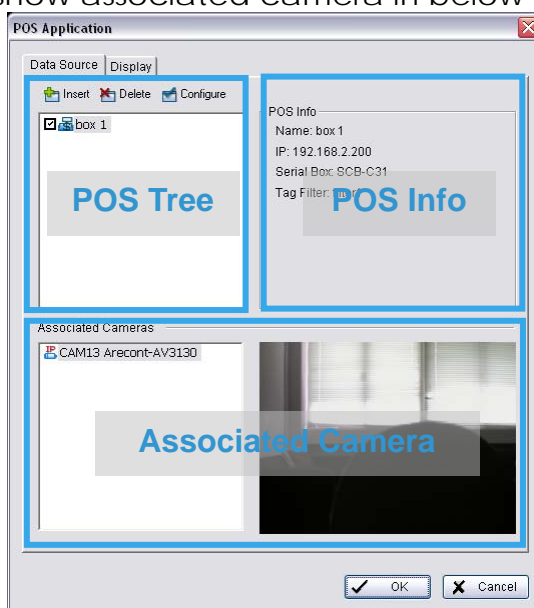
SOFTWARE SETUP

1. POS Device Management

Each NUUO Main Console system can manage up to 64 POS cash register devices. This section will instruct how to setup configuration of POS system.


The first step is to run **Main Console** and click on  **POS Application** from **Config** menu to open POS Application window.

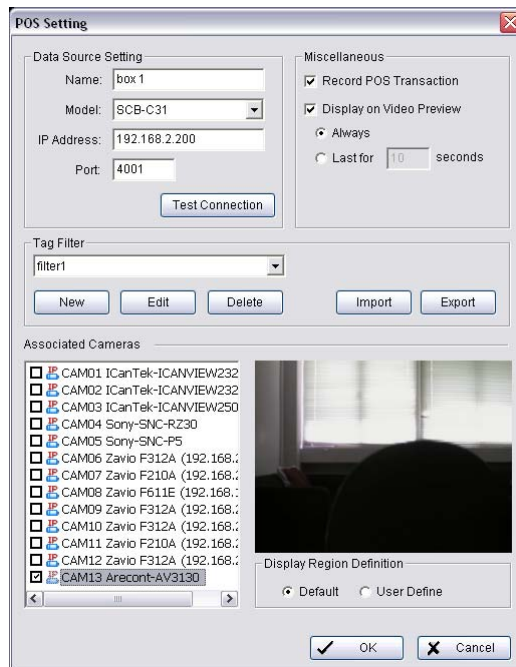
In this window, it allow to Insert/Delete/Configure POS device. Choose devices from POS Tree, and it will show device information in POS Info window. It will also show associated camera in below preview window.



1.1. Insert/Delete/Configure POS device

To Insert POS device

1. Click  Insert button to open POS Setting window
2. Setup basic data source; include **Name**, **IP address**, **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.




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 Tag Filter section on page 11).
6. Enable checkbox to select Associated Cameras users wish to display 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.

System Setup

To delete POS device

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

To configure POS device

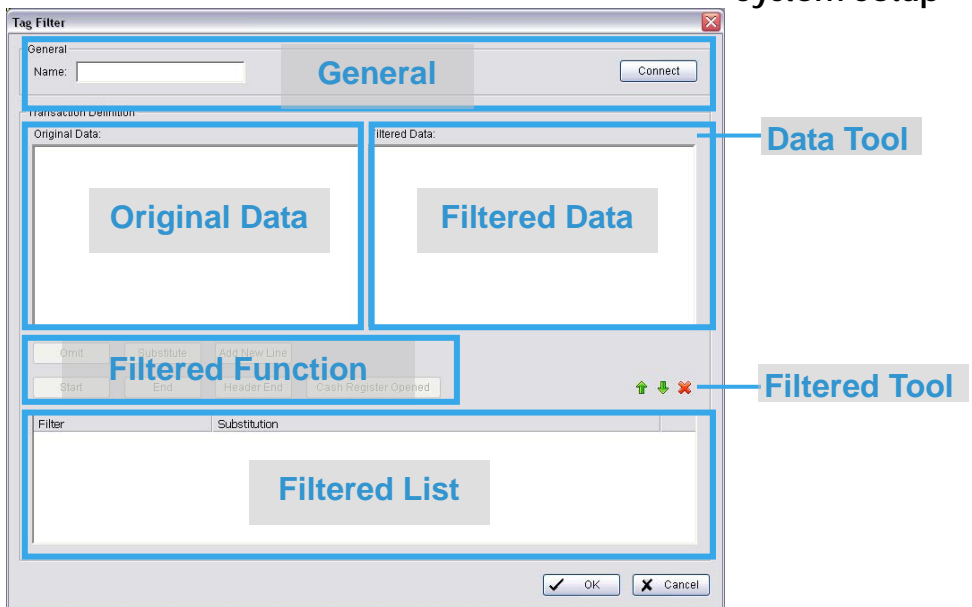
1. Choose POS device.
2. Click  Configure button to open POS Settings window.
3. Please refer **To insert POS device** section (page 9) to modify configuration.

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

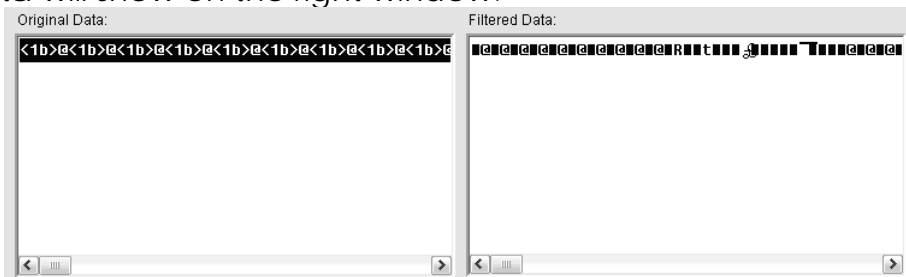
The original transaction data from POS system is hard to read. Users can define filters to make it comprehensible.

To add new Tag Filter

1. Click on **New** button to open Tag Filter window.
This window includes below sections:
 - a. **General**: Setup Tag Filter name and connect button.
 - b. **Original Data**: Show original transaction data from POS device.
 - c. **Filtered Data**: Show filtered data after defined filter.
 - d. **Filter Function** button: Tool used to define filter type.
 - e. **Filter List**: List all filters.
 - f. **Data tool**: Include import/export button to import/export original binary data, and clear button to clear original/filtered data windows.
 - g. **Filter tool**: Include upper/down tool to arrange priority of each filters, or remove filters form list.



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 keep importing when editing filter, please click **Disconnect** button to stop connecting.
5. Data Tools:
 - Export:** Capture and export original Binary data;
 - Import:** Reload exported Binary data.
 - Clear:** Remove data form Original Data window and Filtered Data window.
6. Start to edit tag filters:
 Click and drag to select text from Original Data window, and then use the below six buttons 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.

Original Data:	Filtered Data:
1b>f<7f>c>f<7f> 登錄 2007-05-08(二) 01:45<0a>	登錄 2007-05-08(二) 01:45<0a>

- b. **Substitute**: Use another word(s) to replace the selected text. The system will popup a substitution panel for replacing word(s) user wants. The text on right filtered data window will show the result.

Original Data:	Filtered Data:
登錄 2007-05-08(二) 01:45<0a>	登錄 2007-05-08(TUE) 01:45<0a>

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

Original Data:	Filtered Data:
> 登錄 2007-05-08(二) 01:45<0a>	登錄 2007-05-08(TUE) 01:45 C01 HC#01 003078 客 1 1 APPLE JUICE \$50 d 30U p

- d. **Start**: Define the selected text as the symbol for transaction begins. The filtered data will show separate line as below.
Note: This setup is also used as detect symbol for Smart Guard to detect **Transaction Start** event.

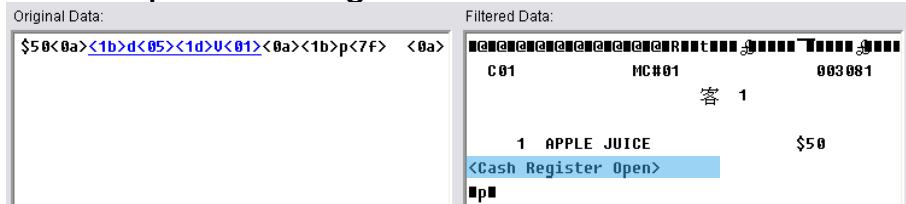
Original Data:	Filtered Data:
f<7f>c>f<7f> 登錄 2007-05-08(二)	登錄 2007-05-08(二) 02:32

- e. **End**: Define the selected text as the symbol for transaction ends. The filtered data will show separate line as below.
Note: This setup is also used as detect symbol for Smart Guard to detect **Transaction End** event.




Original Data:	Filtered Data:
\$50<0a>c<1b>d<05><1d>U<01><0a>1b>p<7f> <0a>	登錄 2007-05-08(二) 02:32 C01 HC#01 003081 客 1 1 APPLE JUICE \$50 d 30U

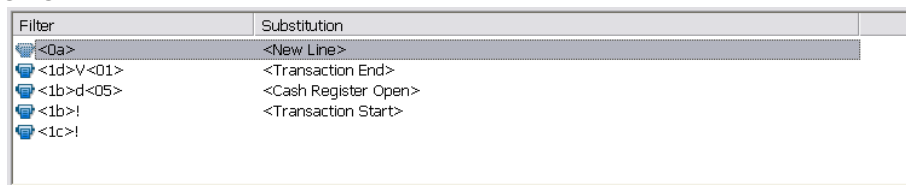
- f. **Cash Register Opened**: Define the selected text as the symbol for the cash register is open. The filtered data will show the **<Cash Register Open>** mark as below.

Note: This setup is also used as detect symbol 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 upper filter will operate earlier. The  button will remove the filter from this tag filter forever.



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

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.

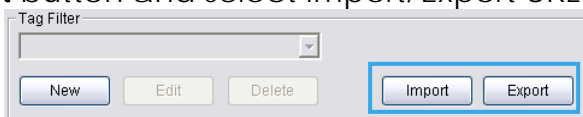
To Delete Tag Filter

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

System Setup

To Import/Export Tag Filter

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

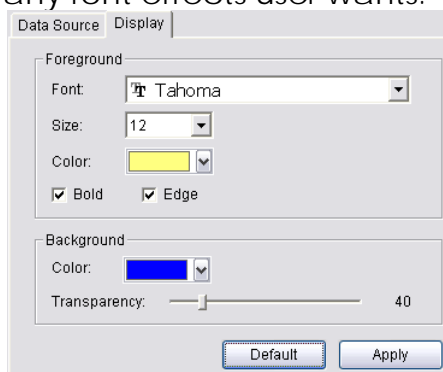


2. Click **Open/Save** to Import/Export Tag Filter.
3. After Import Tag Filters, users can simply select tag filter form drop-down menu without edit new tag filter.

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.



2. Smart Guard Detection



2.1. POS Event

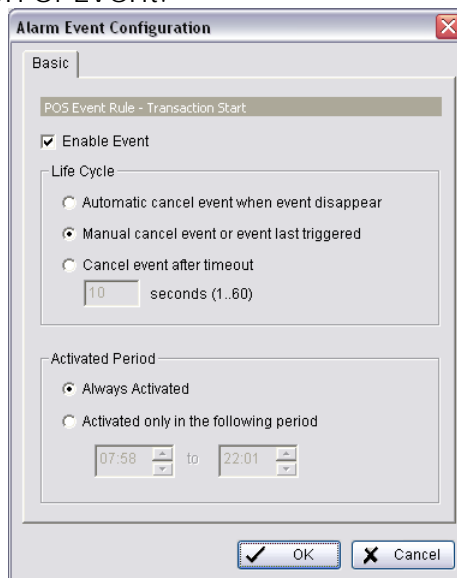
Each POS System has five POS Event types:

-  **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 the connection abnormal event between POS box and Main Console system.

Note: First three events need defined detect signal first, please refer Edit Tag Filter section (see page 12).

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.



System Setup

- a. **Enable Event:** Check the box to activate.
- b. **Life Cycle:**
 - **Automatically cancel event when event disappears:**
The alarm/action will be off once the abnormality is fixed or ends.
 - **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.

Basic Advanced

POS Event Rule - User Defined 1

Event Name: User Defined 1

Alert Condition

☒ Text

Keyword

☐ Match case ☐ Match whole word

☐ Numeric value

Prefix text:

Condition: < Value:

Postfix text:

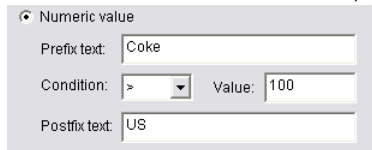
- a. **Event name:** Enter the name of user defined event.
- b. **Alert Condition:**
 - **Test:**
Enter the text user wants to detect in Keyword column.
Enable **Match case** to search for names where the case matches the letters you entered. Or enable **Match whole word** to search for the terms you entered as a whole word.

➤ **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: detect Coke $>$ 100 US, please defined as below.



☒ Numeric value
 Prefix text:
 Condition: > Value:
 Postfix text:








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 past event:
Right-click on POS device, and select  **past**.



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. Instance Action on POS Event

Each POS Event can be setup nine 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.

System Setup

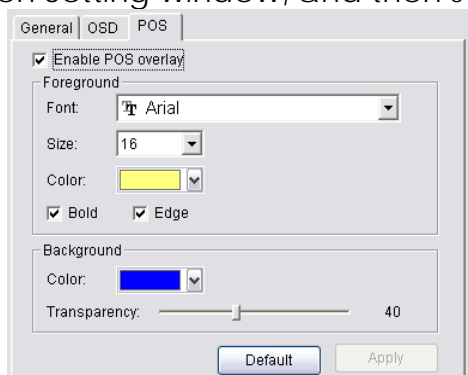
-  **FTP** – Upload snapshot of first associated camera to FTP.
-  **Pop-up E-Map on Event** – Auto popup E-map window to show POS device location.

Note: For detail configuration please refer 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.




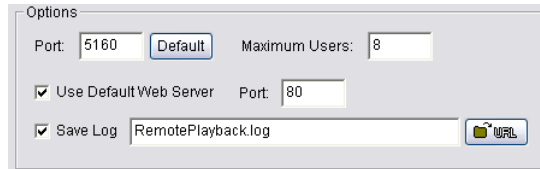
2. Check the box of **Enable POS overlay**, the transaction data will be overlaid on associated camera's recording video.
3. Set up overlay configuration; select the font, size, font color and any font effects user wants.

4. 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, and then switch to  Remote Playback tab.
2. Setup the options of connection and then click **start** to allow remote access.



The image shows a software configuration window titled "Options". It contains several input fields and checkboxes. The first line has a "Port:" label followed by a text box containing "5160", a "Default" button, and a "Maximum Users:" label followed by a text box containing "8". The second line has a checked checkbox labeled "Use Default Web Server", followed by a "Port:" label and a text box containing "80". The third line has a checked checkbox labeled "Save Log", followed by a text box containing "RemotePlayback.log", and a small icon button with a document and a URL symbol.

Port:	5160	Default	Maximum Users:	8
<input checked="" type="checkbox"/> Use Default Web Server	Port:	80		
<input checked="" type="checkbox"/> Save Log	RemotePlayback.log			

Note: Port 5150 in first line is used when use NUUO Playback application to remote access and web server port 80 in second line is used when remote access via IE-browser. Please refer the chapter 5.14 *Network Service* section of Main Console user manual for detail.

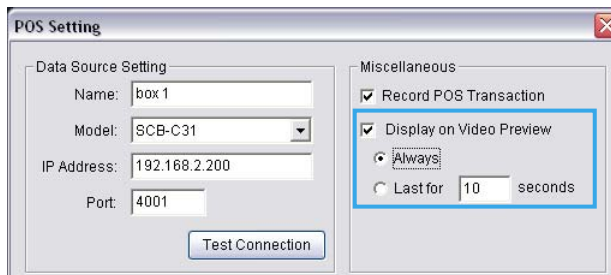
OPERATION TOOLS

1. Live Display

To Display POS Transaction Data Overlay

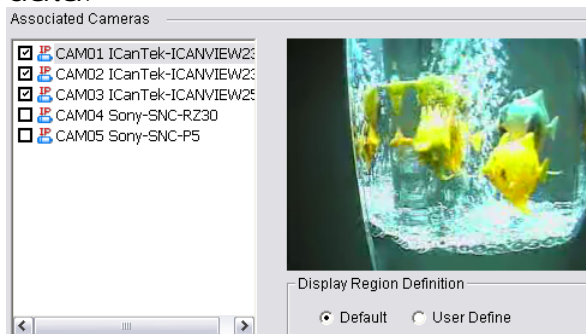
1. Enable **Display on Video Preview** option.

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



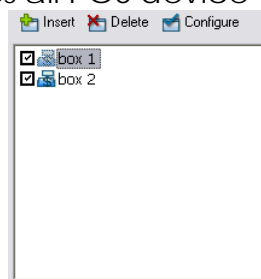
2. Select **Associated Cameras**.

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.




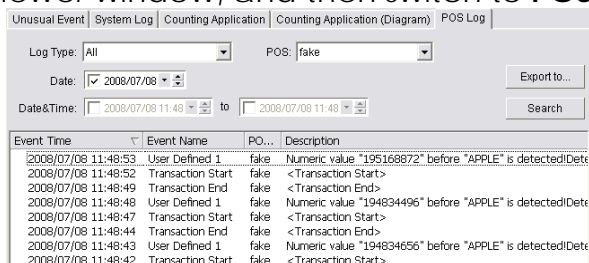
2. Log Viewer Search

Log Viewer is a tool used to search **Unusual Event** (Smart Guard Event), **System Log**, **Counting Application** result, and **POS Log** (POS Event Log). For detail description, please refer 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.



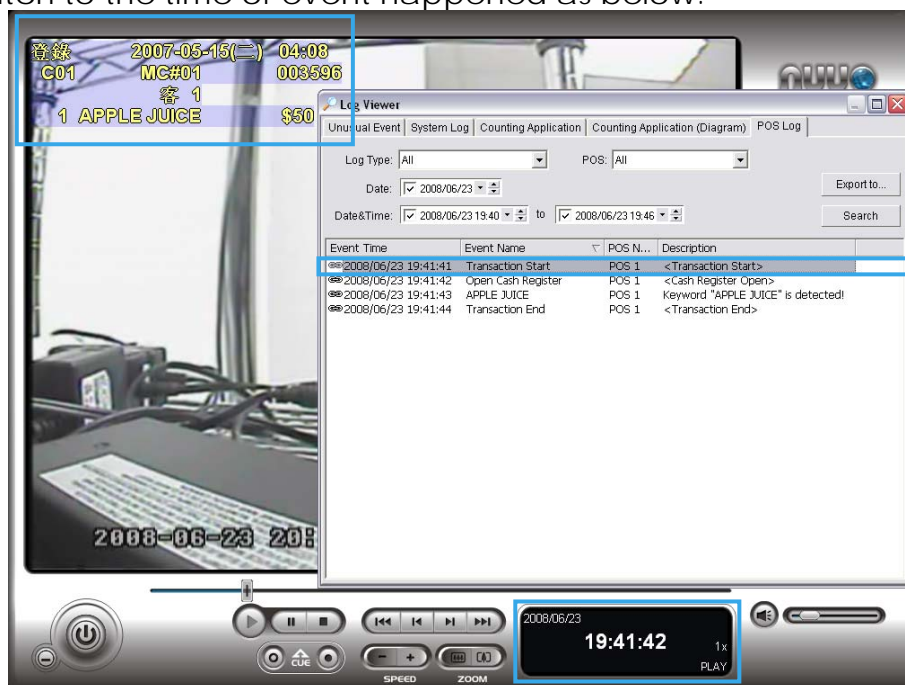
- Select **Log Type** and **POS** device form drop-down menu.
- Setup time criteria to search for special **Date** or a period of **Date&Time**.
- Click on **Search**, and search result will list on table.

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.



To Search POS Event via Playback

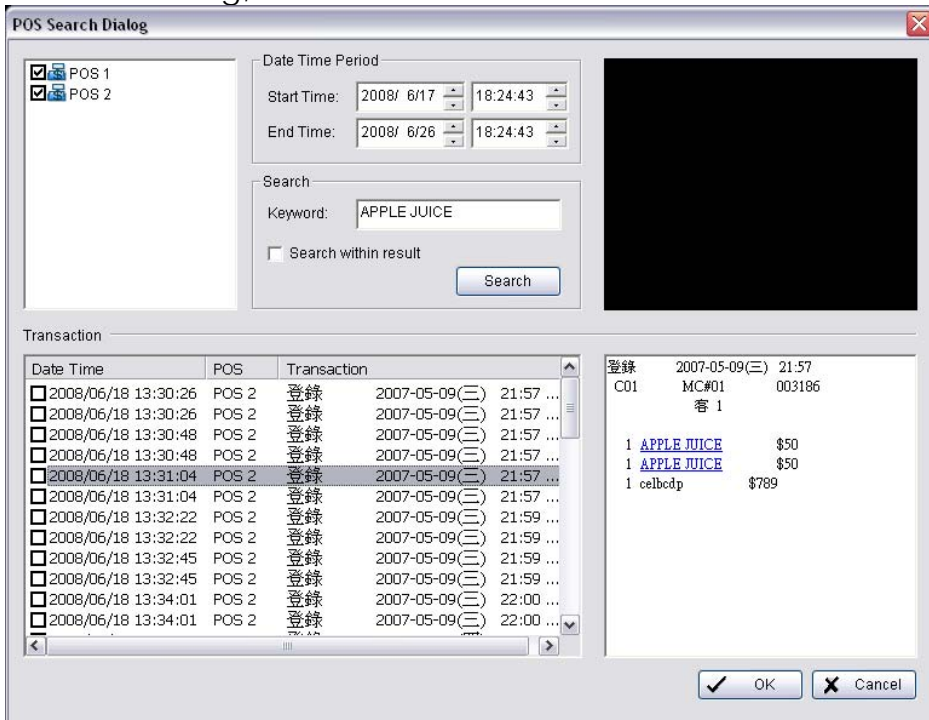
1. Run **Playback**, open record to select the video period, and click  **Log Viewer** button to open Log Viewer window.
2. Follow the step 2-4 on previous section to search POS Log.
3. Double-click on POS log from result table, and the video will auto switch to the time of POS log.

For Example: When clicking on log form list, the video will auto switch to the time of event happened as below.



3. POS transaction data Search

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



POS Search Dialog

☒ POS 1
☒ POS 2

Date Time Period
 Start Time: 2008/ 6/17 18:24:43
 End Time: 2008/ 6/26 18:24:43

Search
 Keyword: APPLE JUICE
☐ Search within result
 Search

Transaction

Date Time	POS	Transaction
<input type="checkbox"/> 2008/06/18 13:30:26	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:30:26	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:30:48	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:30:48	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:31:04	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:31:04	POS 2	登錄 2007-05-09(三) 21:57 ...
<input type="checkbox"/> 2008/06/18 13:32:22	POS 2	登錄 2007-05-09(三) 21:59 ...
<input type="checkbox"/> 2008/06/18 13:32:22	POS 2	登錄 2007-05-09(三) 21:59 ...
<input type="checkbox"/> 2008/06/18 13:32:45	POS 2	登錄 2007-05-09(三) 21:59 ...
<input type="checkbox"/> 2008/06/18 13:32:45	POS 2	登錄 2007-05-09(三) 21:59 ...
<input type="checkbox"/> 2008/06/18 13:34:01	POS 2	登錄 2007-05-09(三) 22:00 ...
<input type="checkbox"/> 2008/06/18 13:34:01	POS 2	登錄 2007-05-09(三) 22:00 ...

登錄 2007-05-09(三) 21:57
 C01 MC#01 003186
 客 1
 1 APPLE JUICE \$50
 1 APPLE JUICE \$50
 1 celbdp \$789

OK Cancel



In POS Search Dialog, please follow below step to search from POS device, Date Time Period, or special keyword.

1. Check the box of POS devices form POS list.
2. Setup Start Time and End Time in Data Time Period section.
3. Enter keyword you want to search.
4. Click Search button, Transaction table will show results.
5. Select items form 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.

4. Playback video with POS data

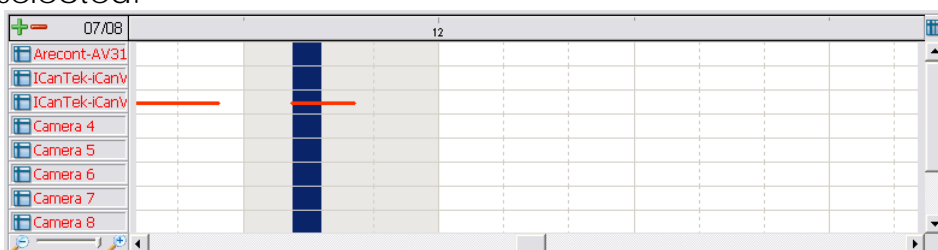
To view record video with POS transaction data, please check you have enable POS overlay option (refer the page 25). If you have started this option, the system will auto overlay transaction data when play recording video. Below are two modes to select video period.

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(一) 11:4...
<input type="checkbox"/> 2008/07/08 11:49:51	fake	登錄 2008-07-08(一) 11:4...
<input type="checkbox"/> 2008/07/08 11:49:56	fake	登錄 2008-07-08(一) 11:4...
<input type="checkbox"/> 2008/07/08 11:50:01	fake	登錄 2008-07-08(一) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:06	fake	登錄 2008-07-08(一) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:11	fake	登錄 2008-07-08(一) 11:5...
<input type="checkbox"/> 2008/07/08 11:50:16	fake	登錄 2008-07-08(一) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:22	fake	登錄 2008-07-08(一) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:27	fake	登錄 2008-07-08(一) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:32	fake	登錄 2008-07-08(一) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:37	fake	登錄 2008-07-08(一) 11:5...
<input checked="" type="checkbox"/> 2008/07/08 11:50:41	fake	登錄 2008-07-08(一) 11:5...

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



5. Click OK back to Playback application.




To select Period by Date&Time

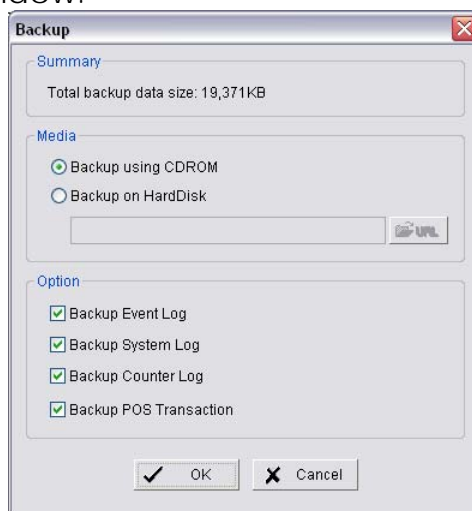
1. Click  on Playback application to open Date Time Search Dialog.
2. Setup Start Time on Date Time Period setup panel, or directly left-click and draw to select period form Time table.
3. Click OK to back to Playback application.

4. 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 backup to.
5. Select which data base you want to backup with.
6. Click **OK** to backup.

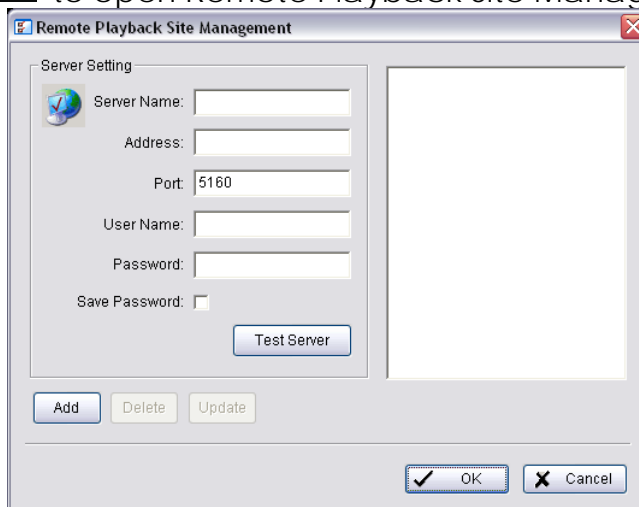
5. Remote Access



NUUO systems have two remote tools to remote access POS data, one is Playback application tool, and another is 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).

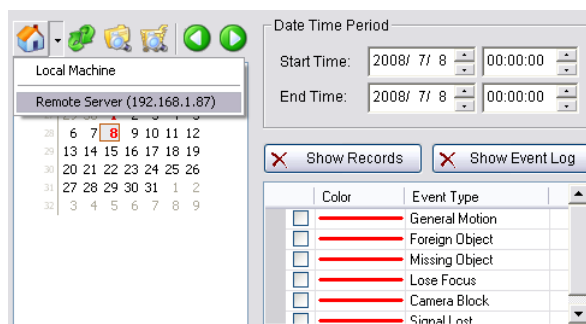
Note: Before using remote access tool, please check the network service of Main Console has been started (please refer chapter 4 Remote Network service on page 19).

Remote Access via Playback Application

1. Click on  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 Playback to launch option.
3. Follow above section 4 Playback video with POS transaction data to operator.

