NUUO POS Tutorial

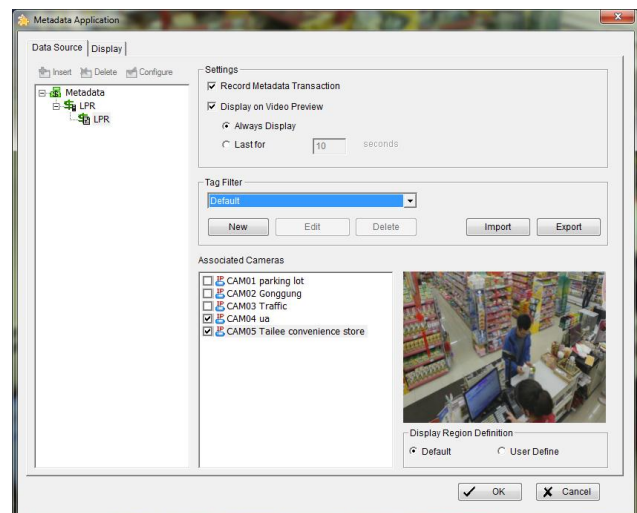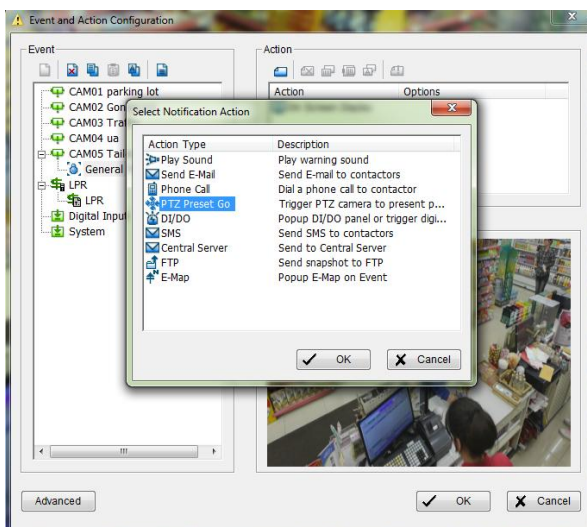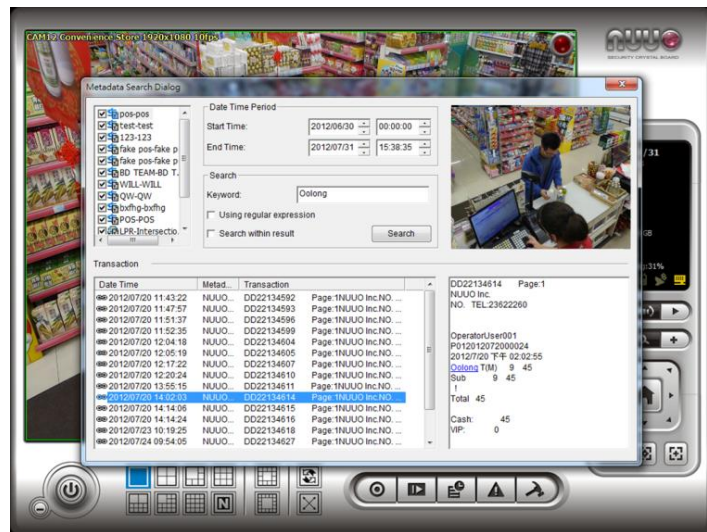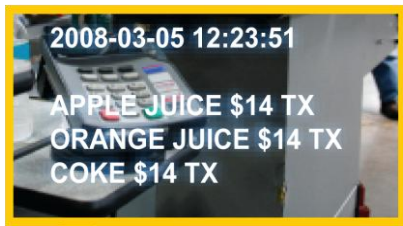## *What can NUUO POS solution do?*

NUUO POS solution connects surveillance video with transaction data from Point of Sale (POS) and ATM. All scanned items can be displayed on live view, playback and used to trigger user-defined alarms. For example, NUUO POS solution sends an alarm to alert the manager when an transaction is voided. The system will store all the transactions and special events in a secured, keyword-searchable database with video attached for easy review.

NUUO POS solution allows the manager to instantly playback a transaction or search for certain specific transaction video months after. This helps to reduce the hidden shrink from employee theft, sweet-hearting and other POS frauds. NUUO surveillance system and POS solution protect your properties and make your business more profitable.

Advantages of using NUUO POS solution:
* Fully compatible and scalable with NUUO Mainconsole family (NVR, DVR and Hybrid systems) and CMS for single site or chained operation.
* Display POS data from multiple locations.
* 4 pre-defined POS events such as cash drawer open and register disconnect.
* 10 user-defined POS alarms allowing customization such as text match, value comparison and   rate of occurrence...etc.
* Up to 10 instant responses for each POS event.
* Record transaction data with surveillance video
* Keyword search to filter out suspicious transactions across multiple register database.
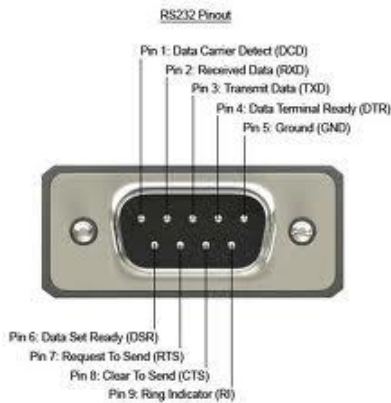
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What kind of POS terminals does NUUO work with?

NUUO POS solution works with the common POS terminals on the market. To be specific, please ensure your POS terminal meet the requirements of any connectivity options below.

(1) Connectivity through RS-232 (DB9 male or called **Serial)**
RS-232 is commonly used in computer serial ports, see the snapshot below. Also, most POS terminals on the market have the port of RS-232. NUUO C31A POS Box supports RS232 or called DB9 male, see the snapshot below.
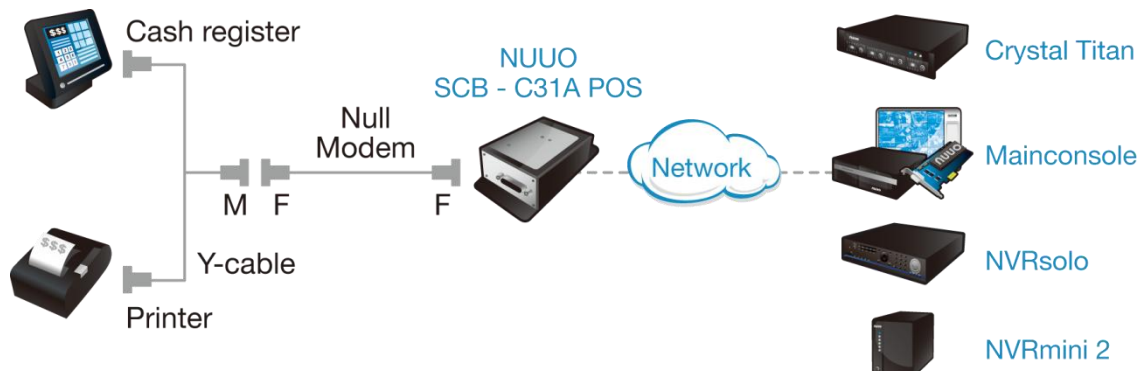
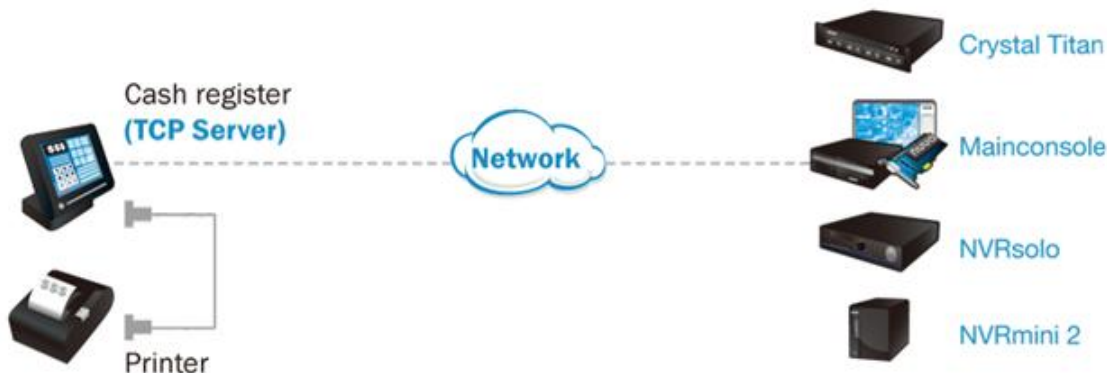www.nuuo.com

<RS-232/ DB9 male>
If your POS terminal has the port of RS-232, your NUUO POS deployment diagram will be as the picture below. You need <u>one NUUO POS license</u> and <u>one NUUO SCB-C31A Box</u> which includes one SCB-C31A converter, null-modem cable, Y-cable.

Please make sure your POS software sends out the **PLAIN TEXT**, and then this deployment would be working.

(2) Connectivity through TCP/ IP
If your POS terminal supports transmitting transaction data through TCP/ IP and the transaction data from this TCP/ IP POS terminal is not encrypted, your NUUO POS deployment diagram will be the same as the picture below. Please contact NUUO retail team at retail@nuuo.com to make sure your POS software is supported.

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3) Connectivity through TCP/ IP (via NUUO Retail Gateway)

NUUO Retail Gateway supports board POS software brands and models on the market such as
NCR ATM, NCR Aloha, NCR Radiant, NCR Radiant Counterpoint, NCR Retailx, Micros 3700, Micros 9700,
Gilbarco Passport, Epicor Retail Store…and some major POS software. This retail gateway communicates
with POS software and then forwards the transaction data to NUUO systems. All NUUO servers are
compatible with this gateway software, including Mainconsole, NVRmini2, NVRSolo and Crystal™.

Please contact NUUO retail team at retail@nuuo.com to make sure your POS software is supported or
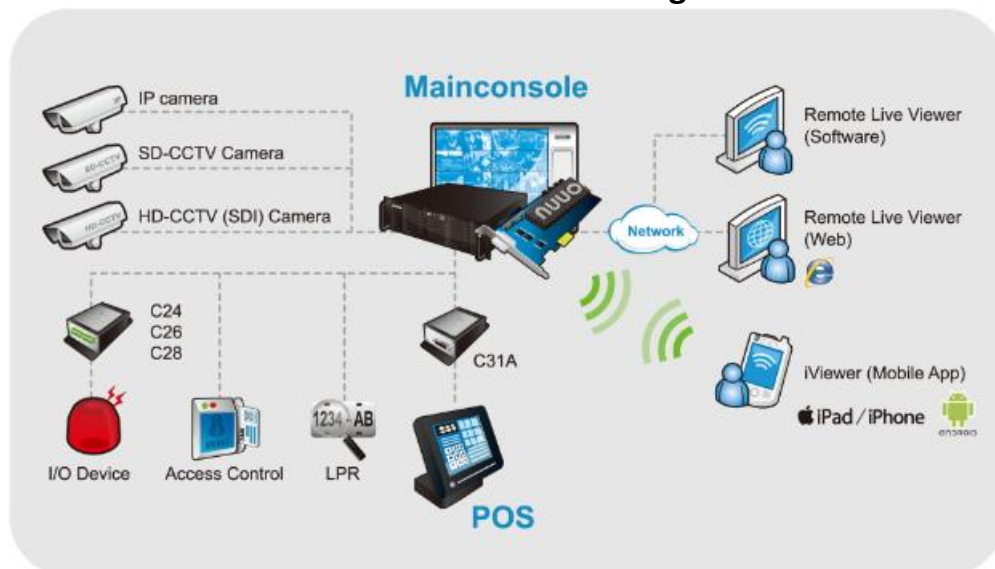request the latest POS compatibility list.

Comparison table

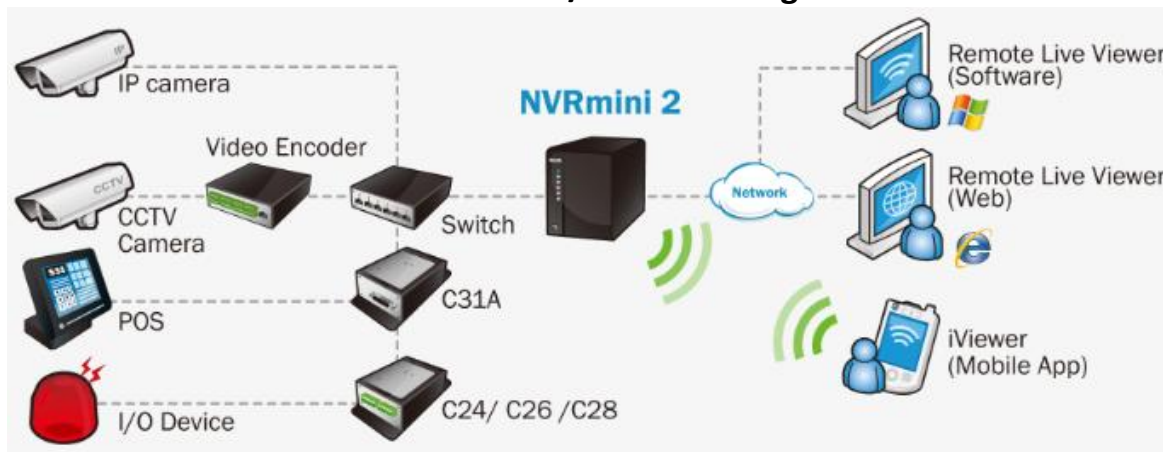| Connectivity	RS-232/ DB 9 (male)	TCP/ IP	TCP/ IP (via NUUO Retail Gateway)*
Equipment needed	1.) NUUO POS license; 2.) NUUO SCB-C31A Box (includes Y-cable, Null-modem cable)	1.) NUUO POS license	1.) NUUO Retail Gateway Base License
Product Number for **Mainconsole Family**	SCB-C31A POS 01	SCB-IP-P-POS 01	SCB-Retail Gateway-Base
Product Number for **Crystal™**	SCB-C31A & CT-POS-Generic 01	CT-POS-Generic 01	CT-Retail Gateway-Base

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What NUUO products work with NUUO POS solution?

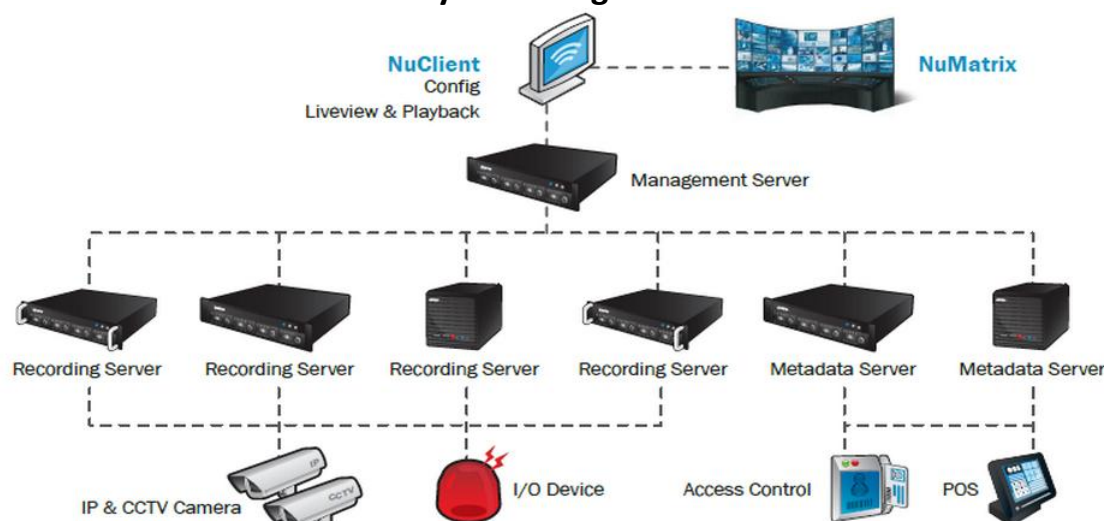| NUUO video recording products	Mainconsole (VMS, DVR, Hybrid)	NVRmini2/ NVRsolo	Crystal™
Compatibility	Yes	Yes	Yes
Connectivity	1) Via SCB-C31A-POS 2) Via TCP/ IP Client 3) Retail Gateway*	1) Via SCB-C31A-POS 2) Via TCP/ IP Client 3) Retail Gateway*	1) Via SCB-C31A & CT-POS-Generic 01 2) Via TCP/ IP Client 3) Retail Gateway*

<NUUO POS solution with Mainconsole diagram>

<NUUO POS solution with NVRmini2/ NVRsolo diagram>

<NUUO POS solution with Crystal™ diagram>

POS hardware and software compatibility list

Don't see your POS manufacture listed or need more details on register models or software integration? Request support from NUUO retail team, retail@nuuo.com .

Case References

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And more...

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