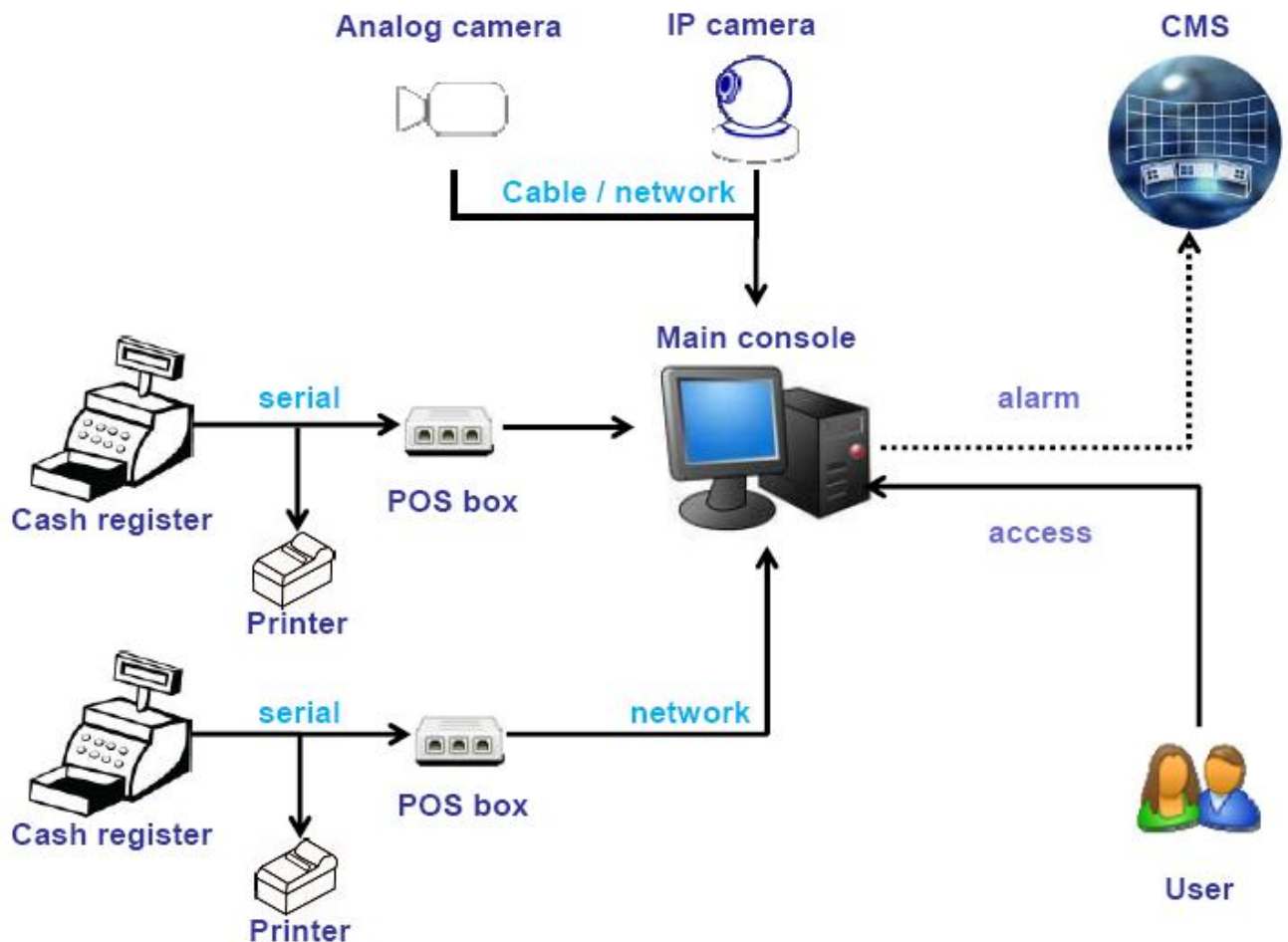


Point of Sale Solution



The Intelligent Surveillance Solution

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.



POS Main Features

- Support for all NUUO NVR/DVR/NVDR/NVRmini systems
- Up to 64 POS system
- Transaction data overlay on multi-channels
- Recording transaction data
- Smart detect and Immediate reaction of pre-defined special keyword of abnormal transaction
- External rule of user defined event – develop with POS alarm SDK
- POS Event Log search for pre-defined event
- Search for specific keyword and playback recorded video with transaction data
- SQLite format Database of transaction data

Specifications

Live Transaction Overlay

- Up to 64 POS or Cash Register
- Overlay display of transactions on multiple associated cameras
- User-defined POS OSD setting
- Flexible user-defined overlay areas of different associated cameras
- User-defined transaction display time

POS Transaction Filed Filter

- User-defined tag filter
- Export/Import tag filter to/from the other NUUO system
- Six pre-defined tags
 - **Omit:** Omit unimportant text
 - **Substitute:** Define text to be replaced
 - **Add New Line:** Define text as a newline
 - **Start:** Define the text as a transaction start
 - **End:** Define the text as a transaction end
 - **Cash Register Opened:** Define the text as opening a cash register
- Unlimited user-defined filters

Smart Detection

- Smart detection of 4 POS Event Log
 - **Transaction Start:** Detect any transaction beginning defined in filter
 - **Transaction End:** Detect any transaction ending defined in filter
 - **Open Cash Register:** Detect any cash register opening defined in filter
 - **User Defined Condition:** Detect up to 10 conditions of special words or numbers which are defined by user for transaction data of each POS device.
 - **Connection Lost:** The basic function to alarm when network of POS device disconnecting.
- Immediate reaction for POS event detection:
 - On Screen Display
 - Play Sound
 - Send E-mail
 - Phone Call
 - PTZ Preset Go
 - Signal Digital Output
 - Send a SMS message
 - Upload to FTP
 - Popup E-Map

Recording, Playback & Search

- Start recording video when POS event log detected
- Basic search of smart detect POS event log to view recording video of associated camera or export to excel for statistic
- Advanced search for any text in POS transaction data and search result overlay
- Video backup with POS transaction data
- Dedicated storage for POS data that is not deleted in recycling

Point of Sale Solution

Remote Access

- Remote live view camera video with overlay POS transaction data
- Remote search POS transaction data, POS event log, and overlay on recording video
- Remote backup POS transaction data

Other

- E-Map
- Store all transaction data in SQLite format for retroactive analysis
- Support all NUUO NVR/DVR/NVDR/NVRmini system to extend POS to surveillance solutions

Supported Hardware

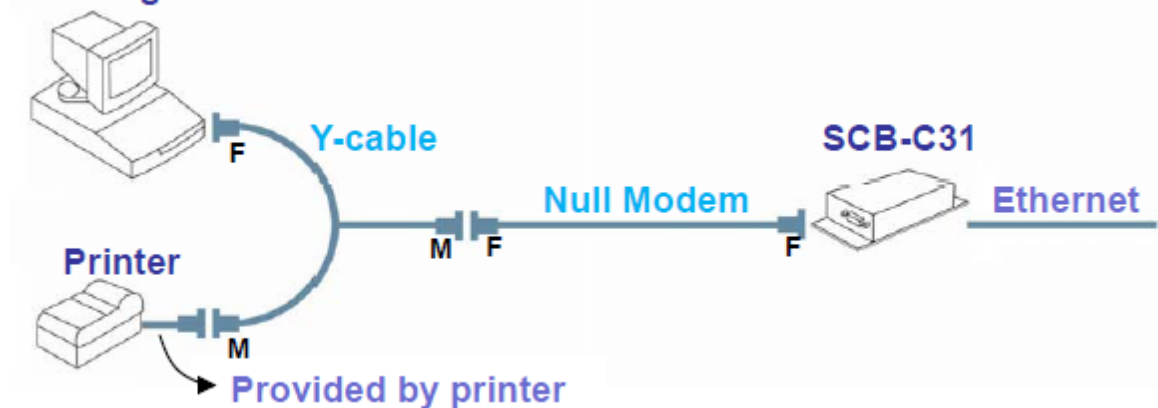


- NUUO SCB-IP+ Series (NVR 4-64 Channels)
- NUUO SCB-7000 Series (4-16 Channels)
- NUUO SCB-5000 Series (4-16 Channels)
- NUUO NAS NVRmini (NVR 4-16 Channels)

Connections

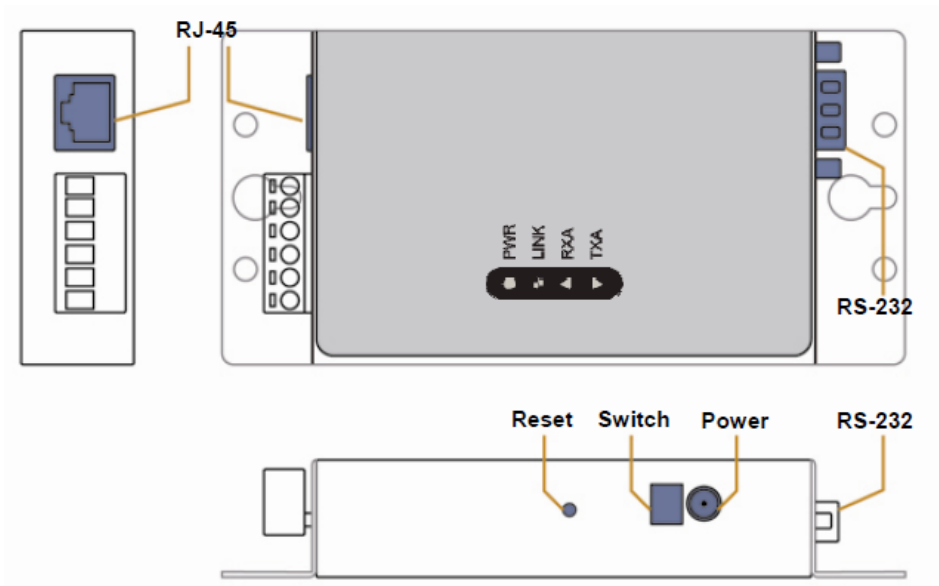
Using a “Y-shape” DB-9 cable, one DB-9 female connect to POS system and one DB-9 male connect to the receipt printer Y-shape (provided by Printer vendor). The connection between SCB C31 POS Data capture box and Y-cable must be null modem (in package).

Cash register



Point of Sale Solution

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