SECURITY CAMERA POS INTEGRATION

8.11.22

More peace of mind with increased register security and loss prevention! **NRS' Security Camera POS Integration** Premium Feature is now compatible with a more modern set of camera hardware. The feature is included in our **Pro** and **Advanced** software plans, and is available as an add-on under the **Basic** plan.

Using the **USR-TCP232-302 Serial to IP Converter**, the retailer can have their trained camera technician link up the store's **NVR (Network Video Recorder)** surveillance camera system with the **NRS POS**, to have real-time POS transaction data overlaid onto the store's NVR footage.

TO UPDATE YOUR PLAN TO PRO OR ADVANCED, OR SUBSCRIBE TO THE FEATURE AND ACTIVATE YOUR ACCOUNT, PLEASE CALL (833) 289-2767.

Part 1 of the document , "How To Enable Camera Feed On Your POS" teaches you how to enable camera feed software from your NRS POS settings.

Part 2 of the document, "Configuring Serial To IP And Camera System To Send And Receive Text" is intended for professional camera technicians and details how to configure 3rd party hardware/software to wirelessly send the flow of text from your POS to your camera system.

Note: Both Part 1 and Part 2 must be completed in order for this feature to work

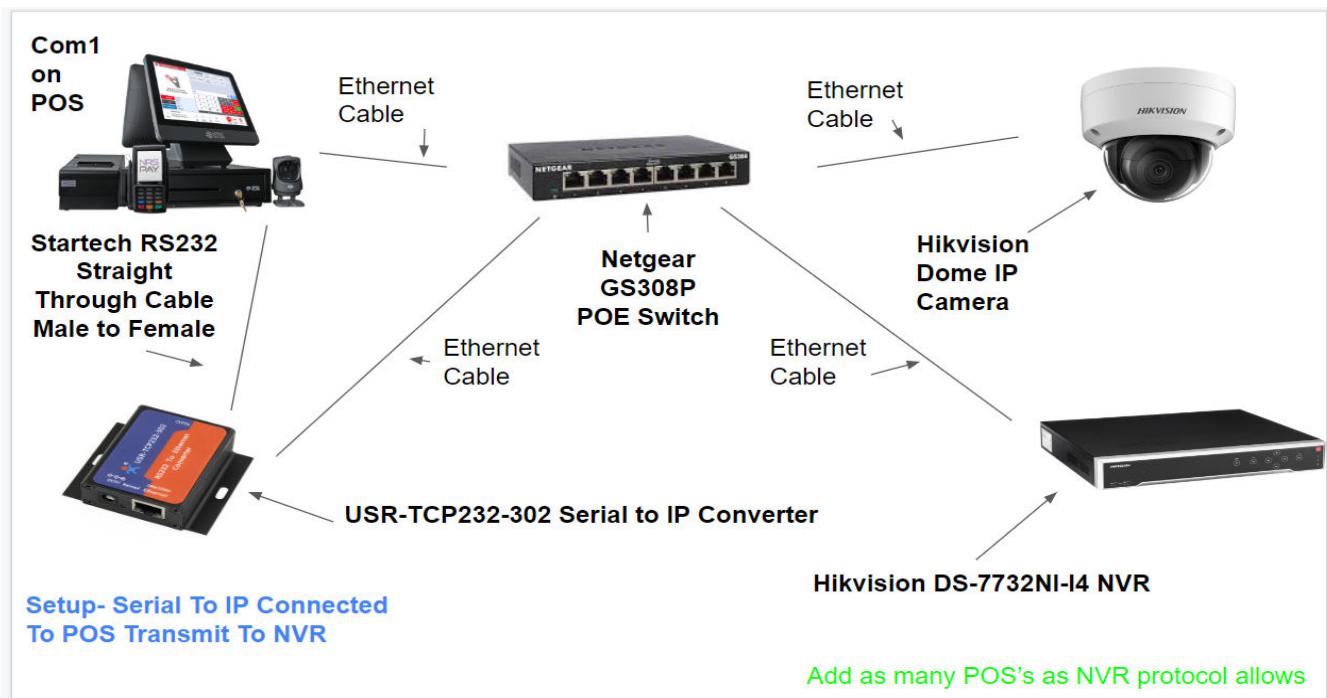Disclaimer: NRS Transaction Surveillance Monitoring Service is a premium add-on service brought to you by National Retail Solutions, Inc. ("NRS"). In order to use the service your POS account must be activated.
Fee will be billed in conjunction with the POS Monthly Recurring Charge. Fee covers connectivity and software only (no backup support). NRS does not support installation or configuration of the equipment, nor do we ensure compatibility with the merchant's video system. Requires separate purchase of specialized devices and cables. Professional technician or security camera installer recommended.

PART 1 - Enable Camera Feed On Your POS

Step 1- On the homescreen of your POS, select the "Tools" button.
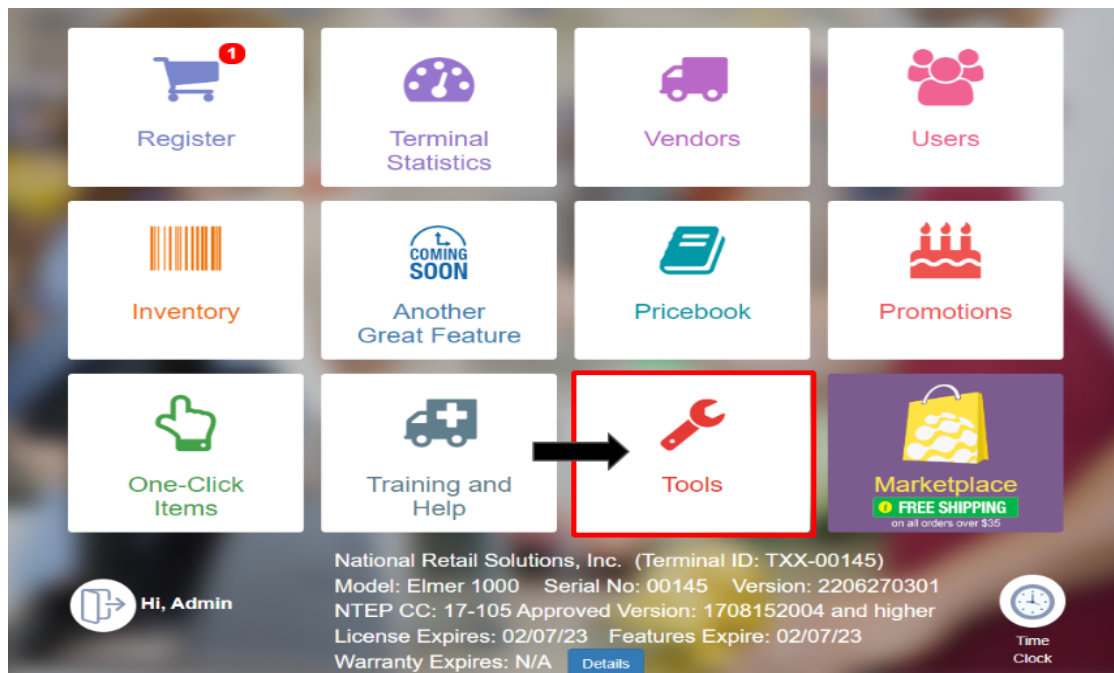
Step 2- On the bottom of the screen, select "Store Setup"

Step 3- Scroll across and select the "Hardware" button

Step 4- Toggle "Enable Video Feed" to "Yes" and Select "Update"

Part 2 - Configuring "Serial To IP" And NVR System To Send And Receive Text
(For Professional Camera Technician)

Configuration Notes and Tips

- Both the Serial-to-IP and the NVR must be on the same network to communicate.
- Confirm that both the NVR and Serial to IP Converter are set to have Static IP Addresses.
  DHCP will refresh the IP addresses often and the IP's that both units are set to will no longer match.
- To understand the way the Serial to IP Adapter connects to the NVR, think of it as each unit being programmed to look for each other on the network. The Serial to IP configuration is given the NVR IP to "seek out" and connect and vice versa.

Single Network with Hardwired Connection

Step 1 Converter Configuration

Access the configuration settings of **"USR-TCP232-302 Serial to IP Converter"**.

1. Set the **Serial to IP** as a **TCP client**
2. Set the **Baud Rate** to **9600**
3. Under **REMOTE IP** enter the IP address of the NVR unit (this can be found in the network settings category of the NVR)
4. Match the **Remote Port** number on the Serial to IP configuration to the number on the **TCP Connection** configuration (Detailed in Step 2)
5. At the bottom, select **Save Config**
6. Securely plug the Serial to IP into COM 1 on the POS unit connecting the two units with a **Male-Female "Straight Through" RS232 cable.**

Step 2- NVR Configuration

Access the **RS232** and **POS** configuration settings in the **"Hikvision DS-7732NI-I4 NVR"**

1. Under the RS232 category settings, confirm the **Baud Rate** is set to **9600**
2. Confirm it is set to **Transparent Channel**
3. In the POS category settings, first confirm that it is set to **UNIVERSAL PROTOCOL.**
4. Under **CONNECTION TYPE**, select **TCP CONNECTION** and under **PARAMETERS,** enter the IP address of the Serial to IP unit and confirm the Remote Port number also matches the configuration of the Serial to IP.
5. Select **OK** and then **APPLY** at the bottom of the page.
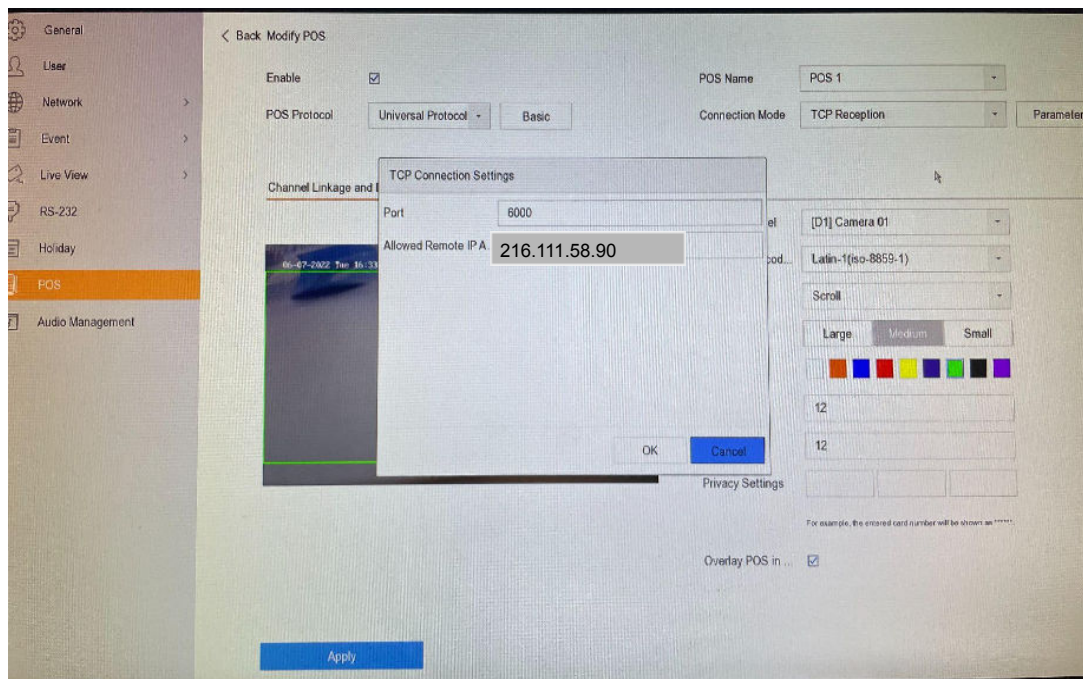
Go back to the register screen and begin checking out items- the text should now show up on the camera feed screen.