Direct POS Integration

In this POS integration, the transaction data is directly transmitted to the GV-DVR / NVR / VMS through network connection.

Before You Start

Before you start, note the specifications and prepare the following items:

- A POS device generating TXT, INI, JNL or any other raw (unprocessed) text files.
- An appropriate dongle for connecting to GV-DVR / NVR / VMS. The dongle options include 1, 2, 4, 8, 12 and 16 ports for GV-DVR / NVR / VMS, and an additional 32 ports only for GV-VMS.
- A stable network connection between the POS device and GV-DVR / NVR / VMS.
- Through direct POS integration, up to 16 POS devices can be connected to one GV-DVR / NVR / VMS at a time.

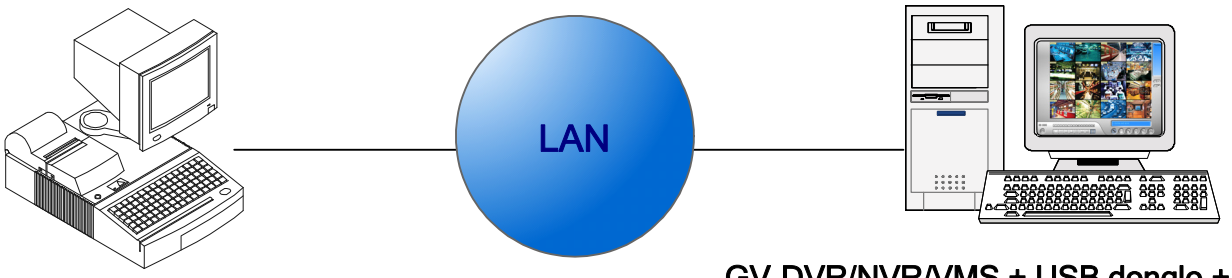
Note: The POS integration also supports certain customized cases, namely OPOS Printer Driver protocol, Internet protocol, EPSON and Infogenesis POS devices.

Settings

A POS device can be added to GV-DVR / NVR / VMS by following these 3 steps:

- *Step 1: Physical Connection*
- *Step 2: Settings on GV-POS Text Sender*
- *Step 3: Settings on GV-DVR / NVR / VMS*

Step1: Physical Connection



POS Device with File Share enabled

GV-DVR/NVR/VMS + USB dongle + GV-POS Text Sender

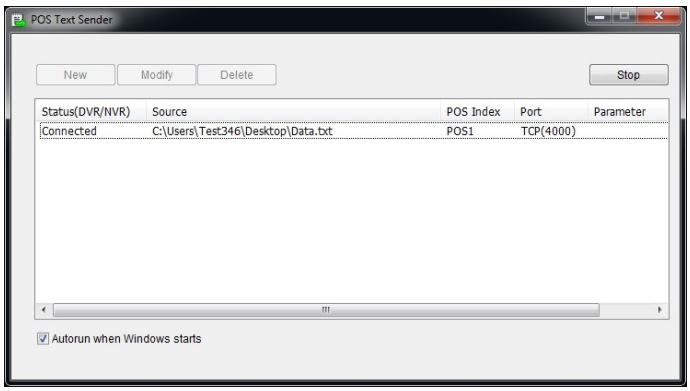
1. Enable File Share on the POS device, so GV-DVR / NVR / VMS can access the data through a network drive.
2. Insert the USB dongle to and install **GV-POS Text Sender** on the computer with GV-DVR / NVR / VMS.

IMPORTANT:

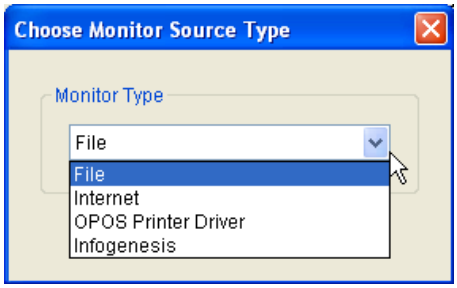
1. Make sure the POS device and GV-VMS are under the same LAN.
2. If for some reason the transaction data cannot be accessed through file share, you may want to consult your POS device manufacturer.

Step 2: Settings on GV-POS Text Sender

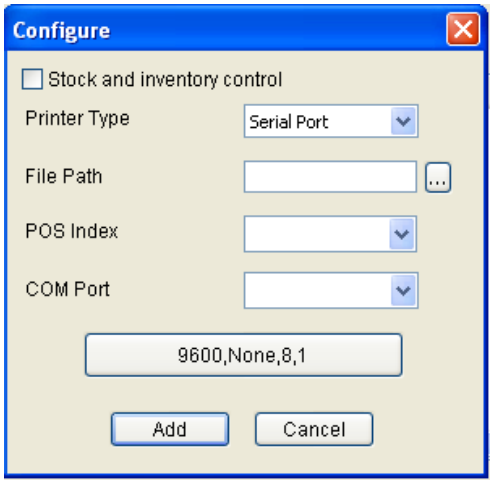
1. Run **POS Text Sender [Only for Windows-based and Text Mode POS device]**. This dialog box appears.



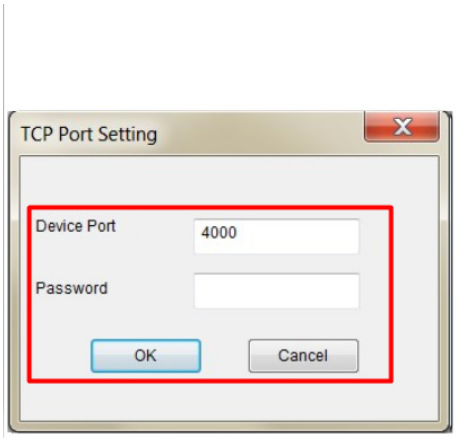
2. Click the **New** button. This dialog box appears.



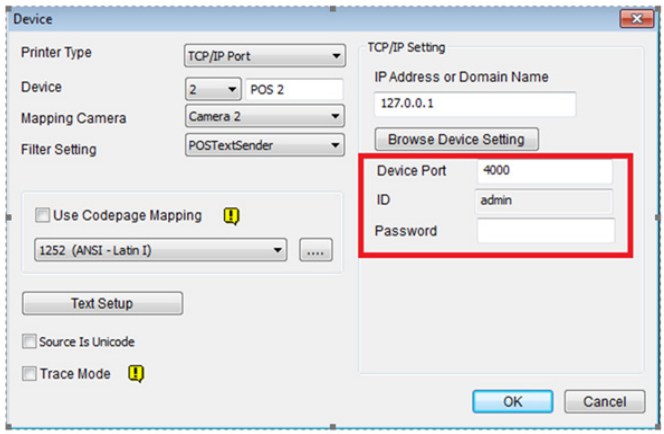
3. Select **File**.
4. Click **OK**. This dialog box appears.



- **Printer Type:** Select **TCP/IP Port** as the connection method to GV-DVR / NVR / VMS.
- **File Path:** Locate the data file from a network drive to be transmitted to GV-DVR / NVR / VMS.
- **POS Index:** Number the POS device if multiple devices are connected.
- **TCP Port Setting** / **IP address button:** Click the button to configure the device port and set a password that needs to be later matched on the GV-DVR / NVR / VMS for authentication. By default, the port value is **4000**.



Settings on GV-POS Text Sender



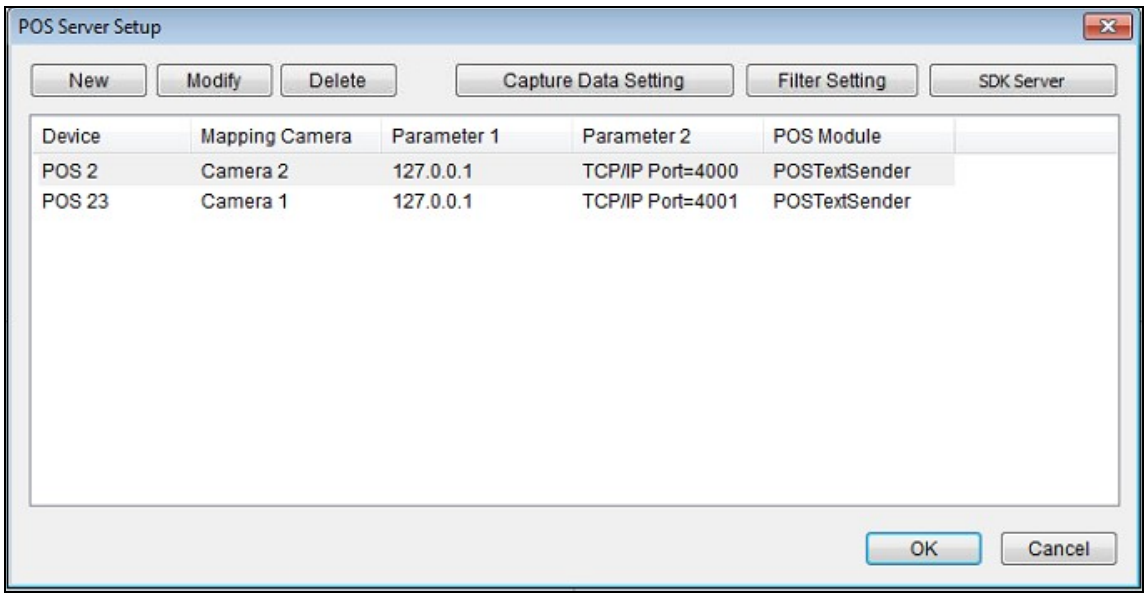
Settings on GV-DVR / NVR / VMS

5. Click **OK** to apply the settings.
6. In the GV-POS Text Sender dialog box, the POS device is added to the connection list. Click **Start** to start the connection. You can also minimize the dialog box to the notification area.

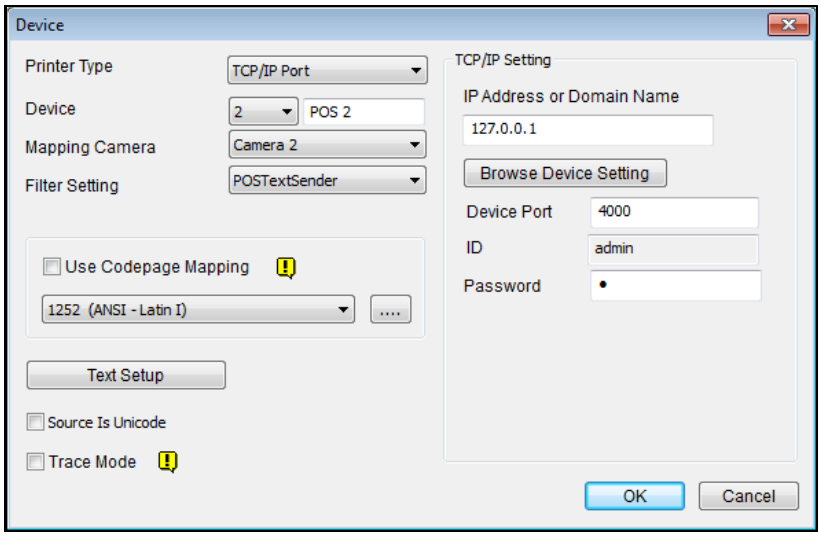
Step 3: Settings on GV-DVR / NVR / VMS

Here we use **GV-VMS** to exemplify the procedures.

1. Click **Home** > **Toolbar** > **Configure** > **System Configure** > **Accessories** > **POS Device Setup**. This dialog box appears.



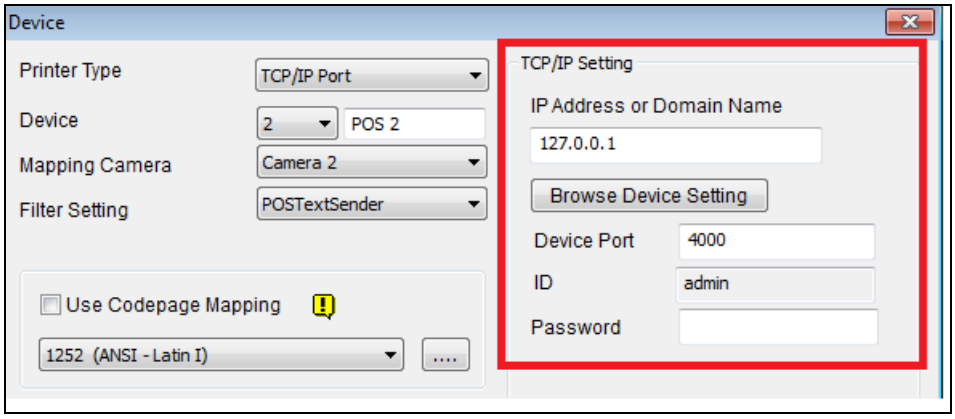
2. Click the **New** button. This dialog box appears.



- **Printer Type:** Select **TCP/IP Port** as the type of connection to GV-VMS.
- **Device:** Select the number of the POS device as set on the POS Text Sender and rename if necessary.
- **Mapping Camera:** Assign the POS device to a camera screen to display the POS data.
- **Filter Setting:** Select **POS Text Sender**.

- **TPC/IP Port Settings:**

  Type the IP address **127.0.0.1**, since the POS Text Sender is on the same PC as GV-DVR / NVR / VMS, and the port value and password set on the POS Text Sender. By default, the device port is **4000**.



3. Click **Add**. The POS device is added to GV-VMS.

Additional functions available on the Device dialog box:

- **Use Codepage Mapping:** This feature is to support the display of special characters and symbols.
- **Text Setup:** Change the font and position of the transaction data on the live and recorded images.
- **Source Is Unicode:** Select if your source data is Unicode.
- **Trace Mode:** Select this option only when recommended by our technical support staff.