



HyperTerminal Test SOP

**Presented by Support Team #2
November, 2014**



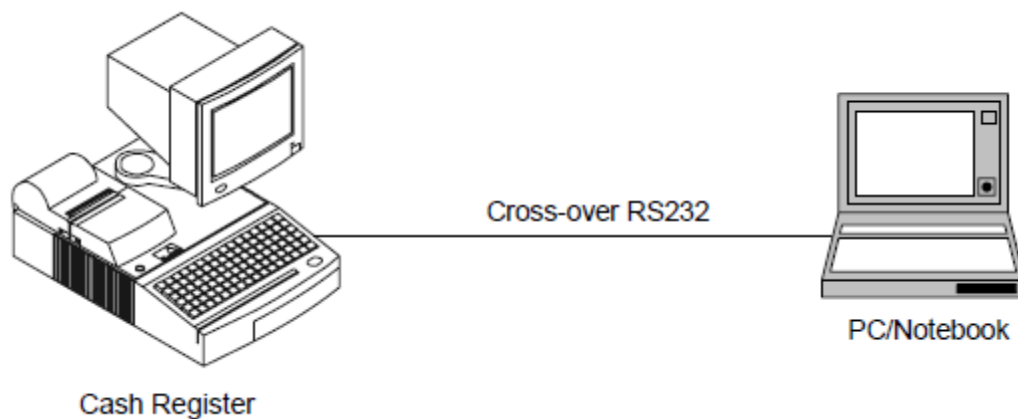
Scenario #1

Purpose:

Use HyperTerminal to test compatibility with POS machine

Layout:

Will use cross-over RS232 cable to connect to each other

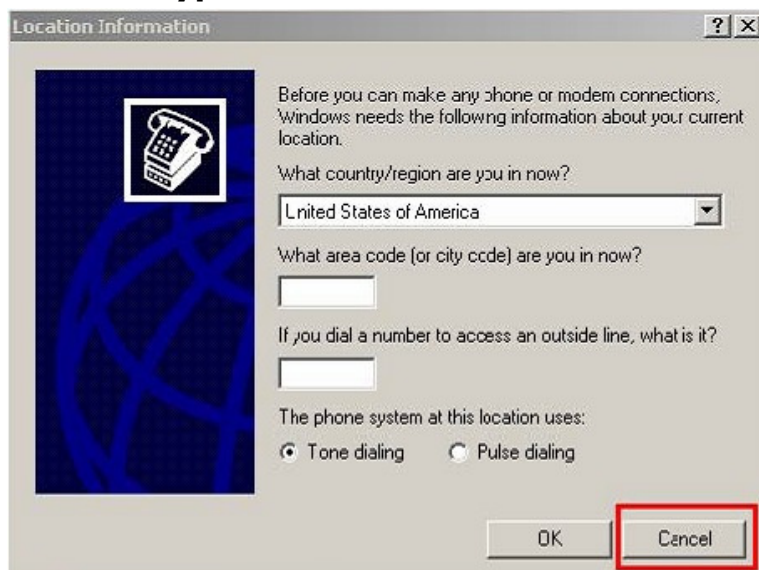


Procedure:

1. Download HyperTerminal

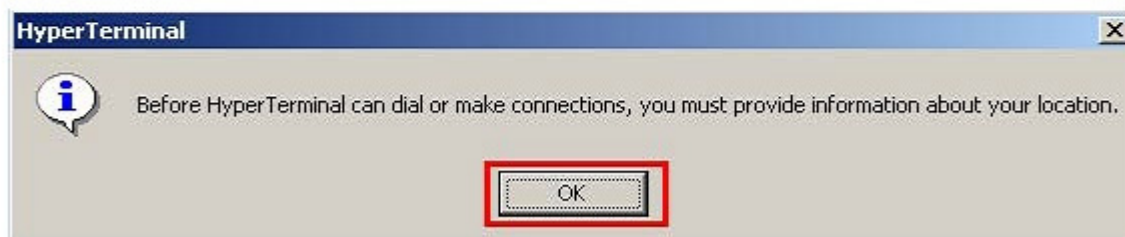
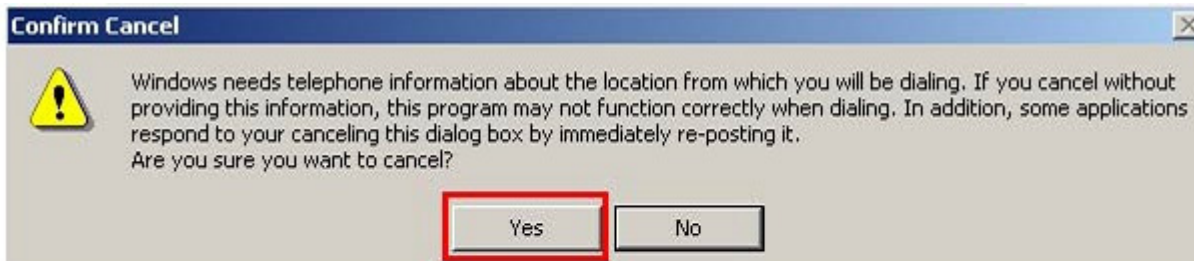
<http://ftp.geovision.tw/ftp/derek/HyperTerminal.zip>

2. Launch HyperTerminal and cancel the location settings

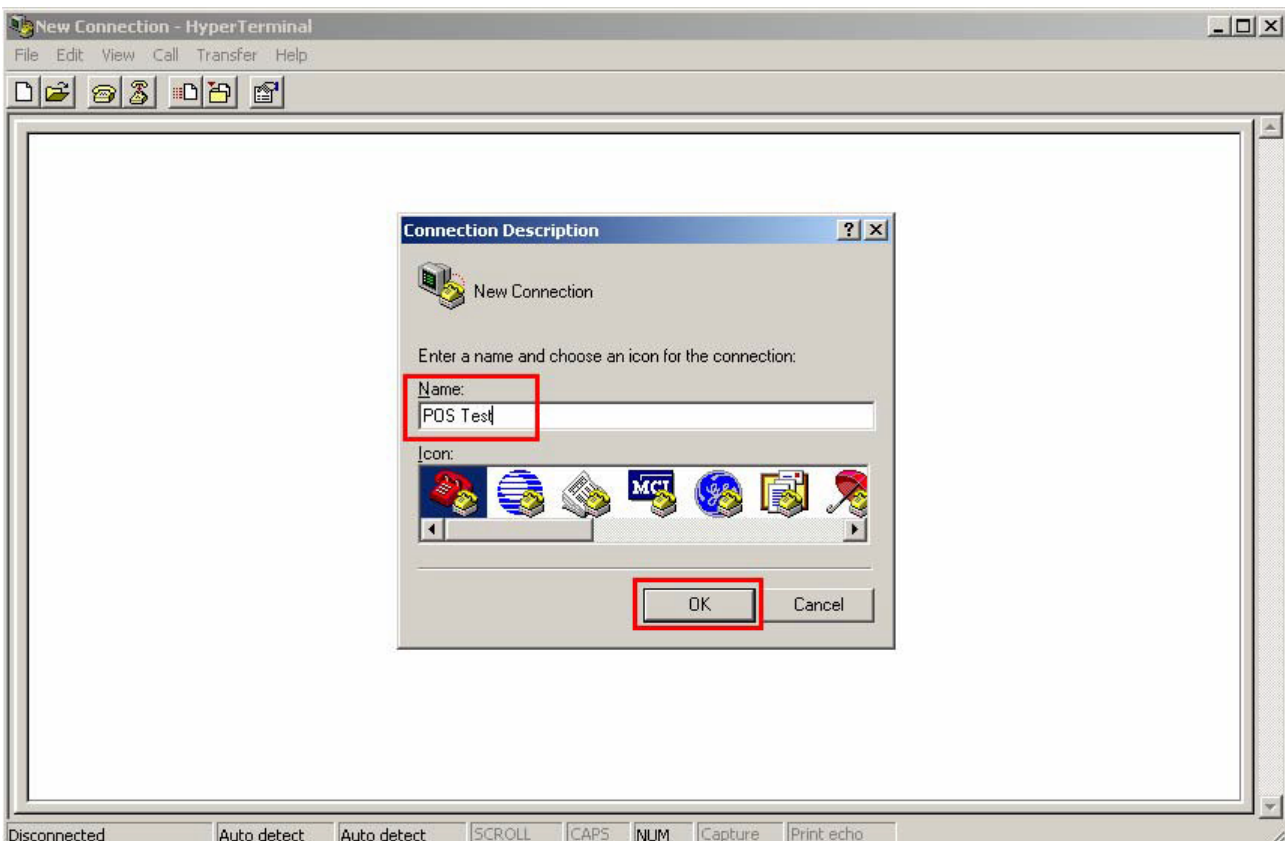




Then click yes for the message below. Lastly, click OK in order to get into HyperTerminalTest Window.



3. Assign a name for connection

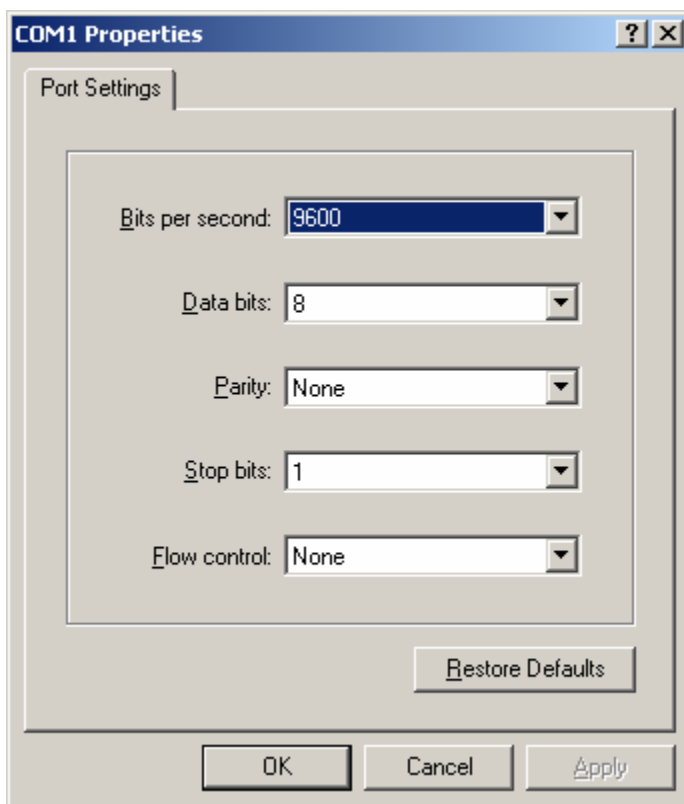




4. Choose which one port for listening
In this case, Com1 is connected with POS



5. Make sure the setting is the same as blow





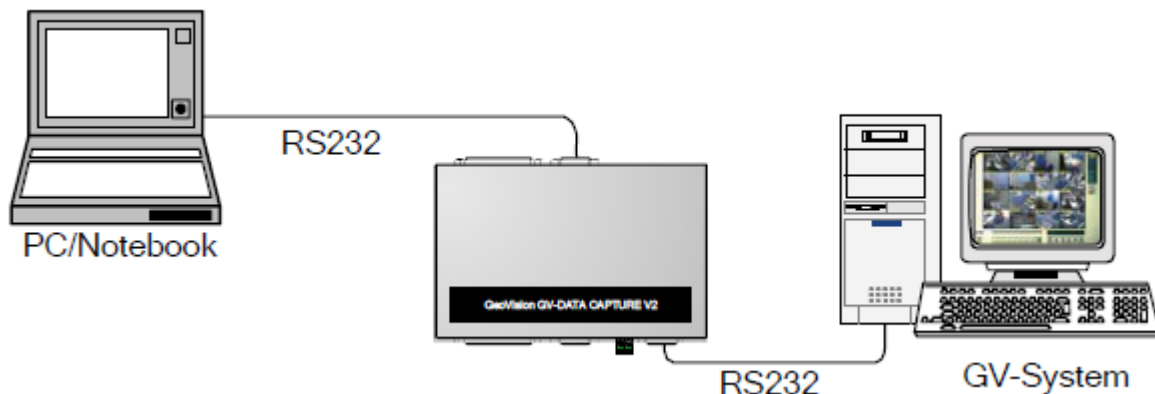
Scenario #2

Purpose:

Use HyperTerminal, acts as POS machine, to show POS transaction on live view in Multicam via RS232 connection

Layout:

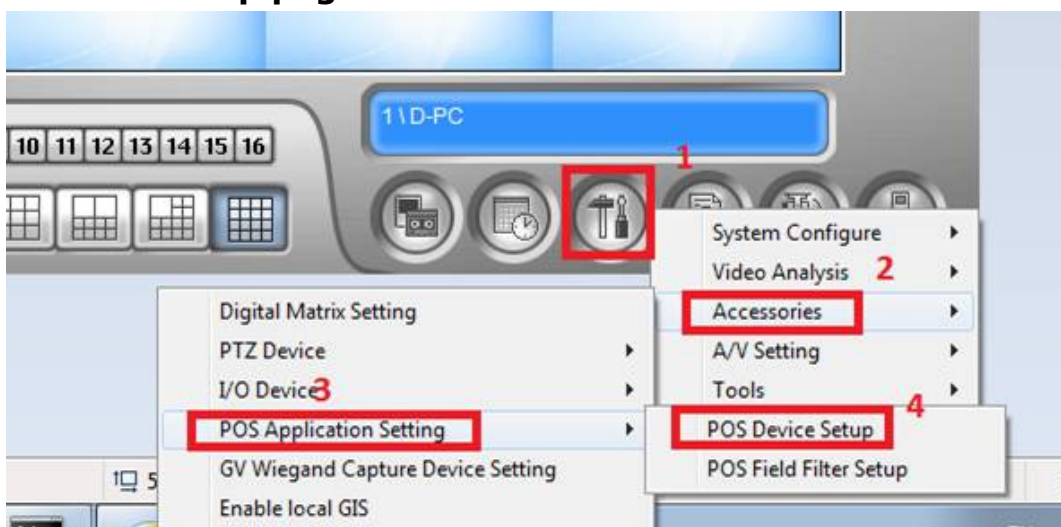
Will use RS232 cable with Data Capture box V3 to connect to each other PC/ Notebook is Com1; GV-System is Com2.



Procedure:

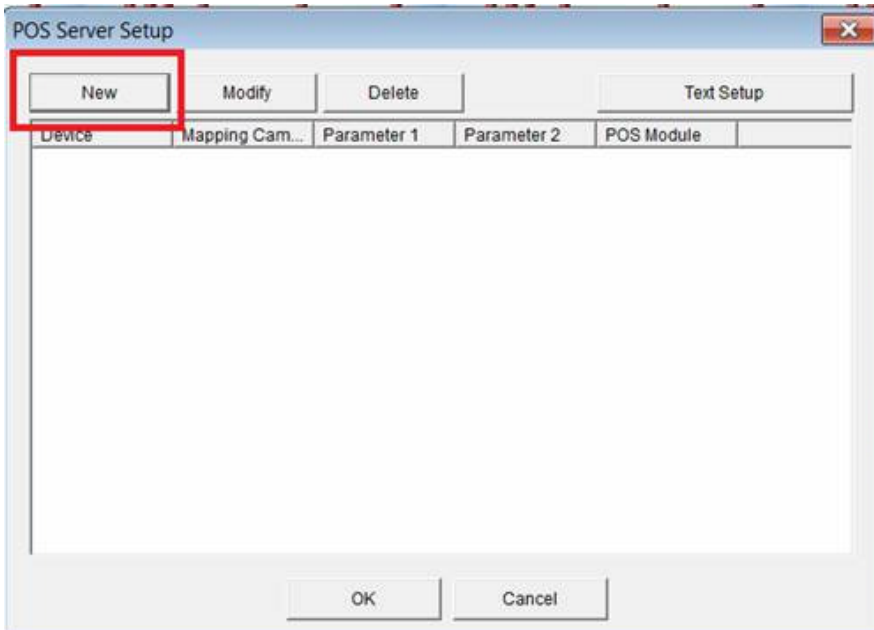
From GV-System side, you will need to do the following.

1. Go to setup page of POS



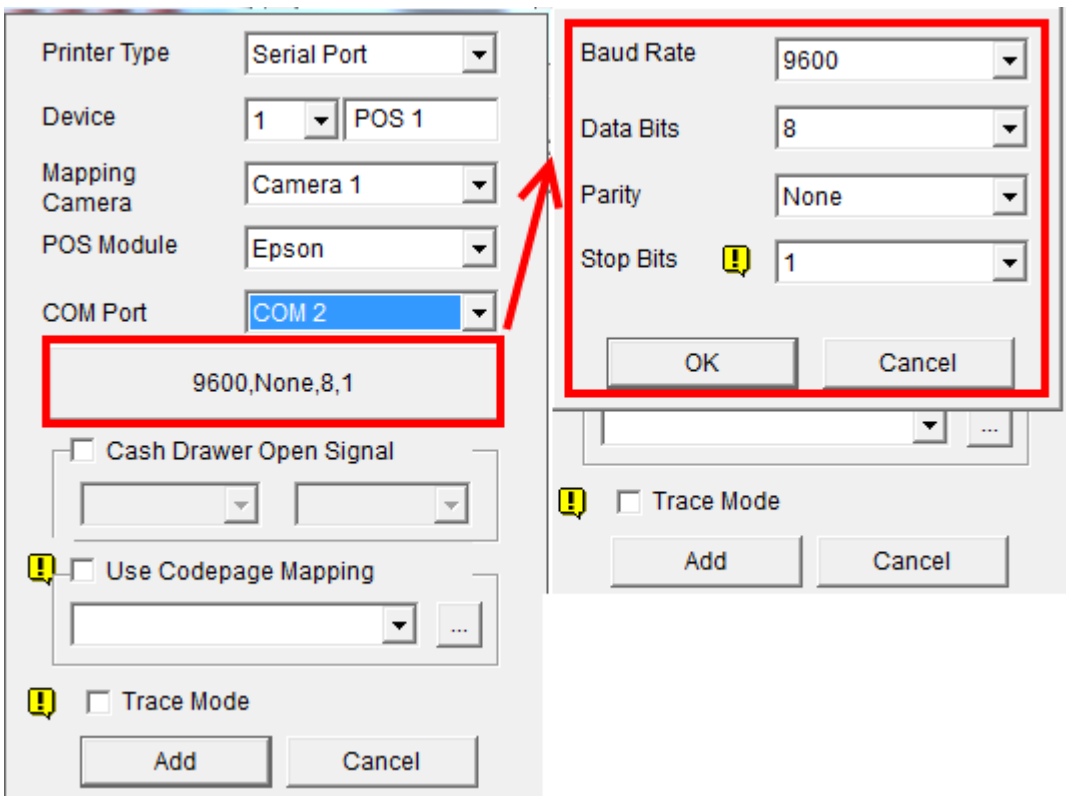


2. Click "New" button



3. Setup Com port, Baud Rate, Data Bite, Parity, Stop Bit and other necessary setting as indicates as diagram below.

4.





From PC/ Notebook side, you will also need to do the following.

1. Download HyperTerminal

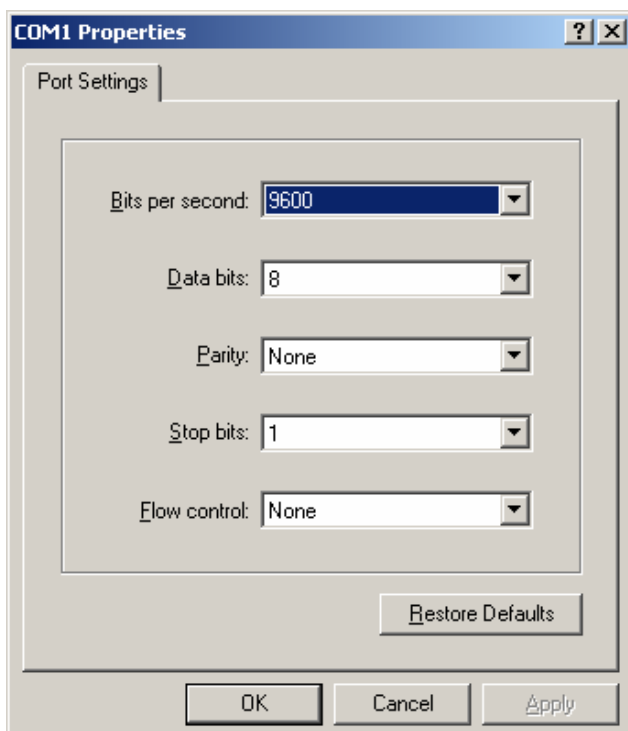
<http://ftp.geovision.tw/ftp/derek/HyperTerminal.zip>

2. Setup Com Port to send transaction out

In this case COM 1 is for Data Capture Box.

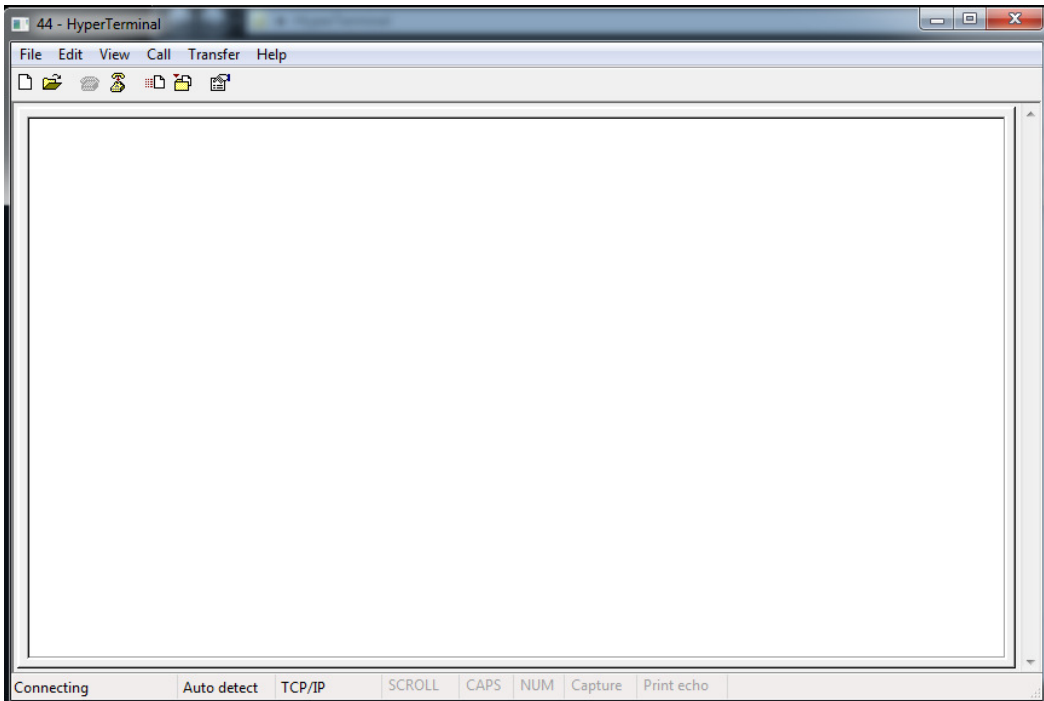


3. Make sure the configuration setting is the same as in the diagram





4. After all, a HyperTerminal Window pops-up. In this case, I type 123 / Enter / 123 / Enter / 123 / Enter on the keyboard, you will see blank in HyperTerminal Window.



On the other hand, you will see the 123 numbers shown in Multicam's live view. If you didn't see any data in Multicam, please double check your com port and baud rate setting.





Scenario #3

Purpose:

Use HyperTerminal to simulate POS machine to test POS Text Sender and MultiCam POS settings

Layout:

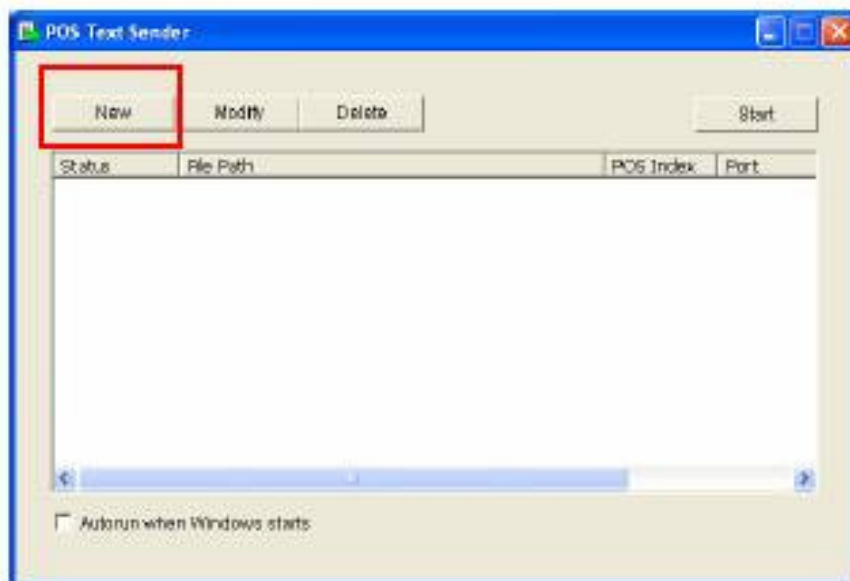
Will use TCP/IP with POS Text Sender to connect to each other



Procedure:

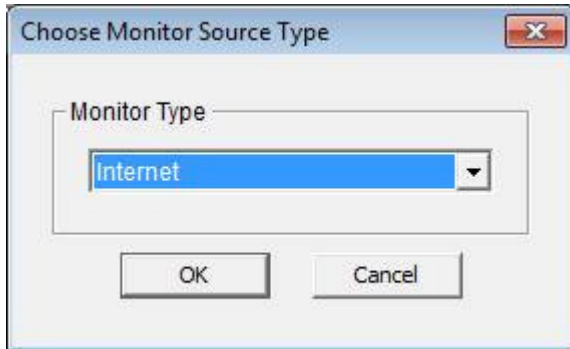
From GV-System side, a couple things you to do.

- 1. First of all, go to setup page in POS Text Sender. Click "New" button to create a new setting**



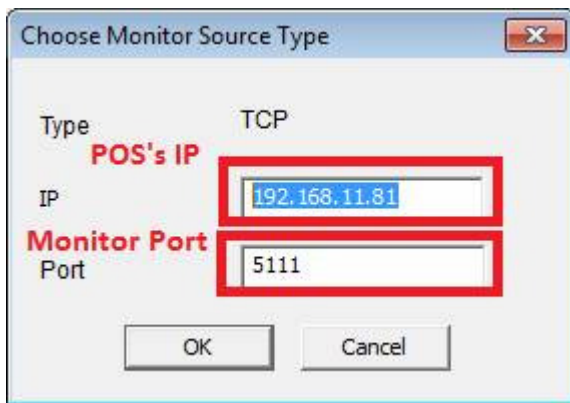


2. Choose Internet option for TCP/IP connection

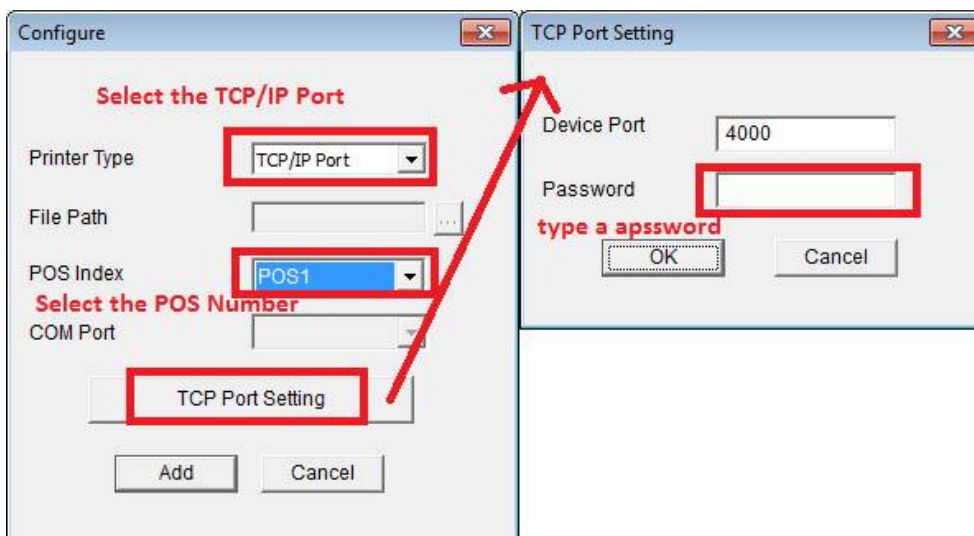


3. Type PC/Notebook's IP and Monitor Port

In this case, we use Port 5111 to listen from PC/Notebook.

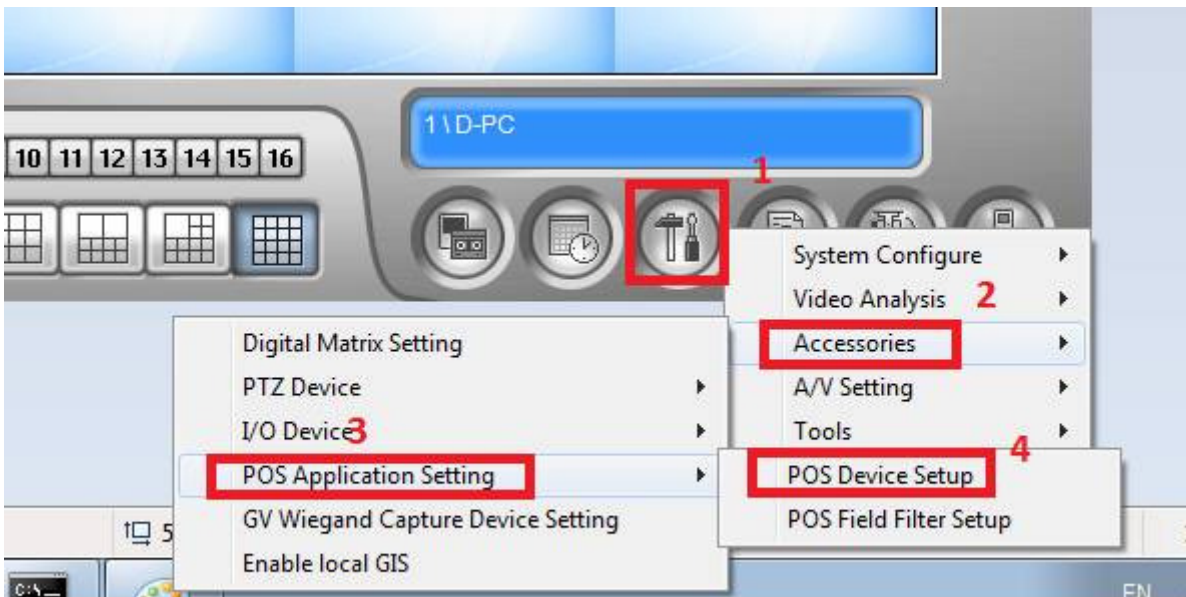


4. Select TCP/IP port, POS number, type password (should be the same as GV-system for connection, max is 4 digital)

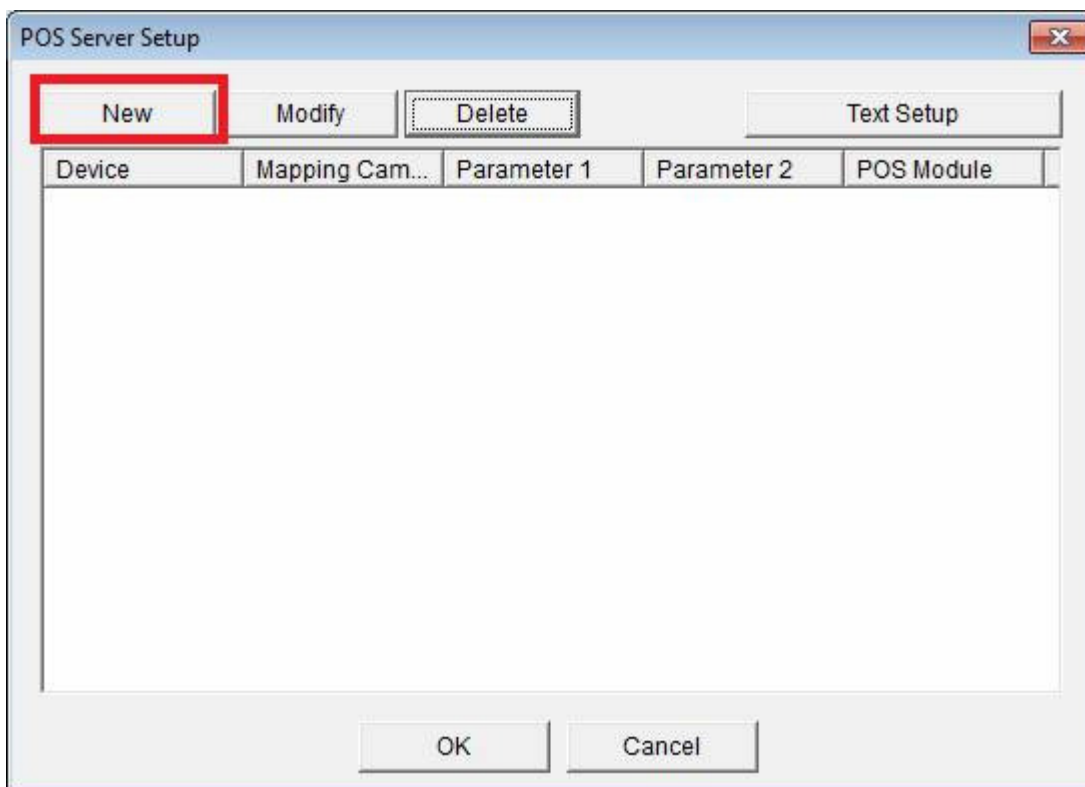




5. Secondly, configure on the MultiCam. Go to POS device Setup.



6. Click "New" button





7. The POS IP address is PC/Notebook IP address. The password must be the same as previous setting in POS configuration of MultiCam.

The image shows two overlapping windows from the GeoVision software. The left window is the 'Data Capture IP Address Setting' dialog, and the right window is the 'Data Capture Box IP Setting' dialog. Red boxes and arrows highlight specific fields: 'Printer Type' (TCP/IP Port), 'Device' (1), 'Camera' (Camera 1), 'POS Module' (POSTextSender), 'Data Capture IP Address Setting' button, 'Fixed IP' radio button, 'IP Address' field, 'In Host' radio button, 'Password' field, and 'OK' button. A red arrow points from the 'Data Capture IP Address Setting' button in the left window to the 'Data Capture Box IP Setting' dialog in the right window.

Data Capture IP Address Setting

Printer Type: TCP/IP Port
Select TCP/IP
Device: 1 POS 1
Mapping the POS Camera Number: Camera 1
POS Module: POSTextSender
Select POS Sender
COM Port: []
Data Capture IP Address Setting
Cash Drawer Open Signal: [] []
Use Codepage Mapping: []
Trace Mode: []
Add Cancel

Data Capture Box IP Setting

Fixed IP **POS IP**
IP Address: []
IP Info. in DDNS Server (**.dipmap.com)
Domain Name: [] !
IP Info. in (GV-Data Capture) Local DDNS Server
Device Name: []
In Host In another PC
Local DDNS Server IP: 127 . 0 . 0 . 1
Browse Device Setting
Device Port: 4000
ID: admin
Password: []
OK Cancel

8. Press "Start" button in POS Text Sender to wait transaction coming.

The image shows the 'POS Text Sender' window. It has a menu bar with 'New', 'Modify', and 'Delete'. A 'Start' button is highlighted with a red box. Below the menu bar is a table with columns 'Status', 'Source', 'POS Index', and 'Port'. The table contains one row with the following data:

Status	Source	POS Index	Port
	C:\Users\D\Desktop\New Text Document.txt	POS1	TCP(4000)

At the bottom of the window, there is a checkbox labeled 'Autorun when Windows starts' which is currently unchecked.



From PC/Notebook side, you will also need to configure the follows.

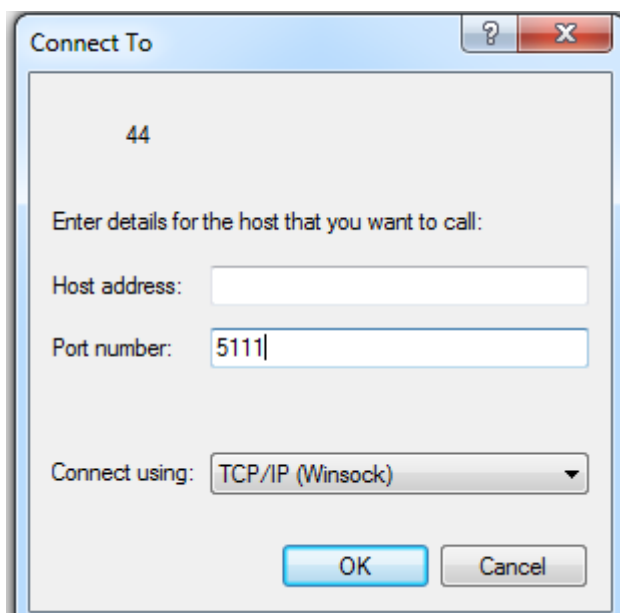
1. Download HyperTerminal

<http://ftp.geovision.tw/ftp/derek/HyperTerminal.zip>

2. Launch HyperTerminal to send out transaction by using TCP/IP



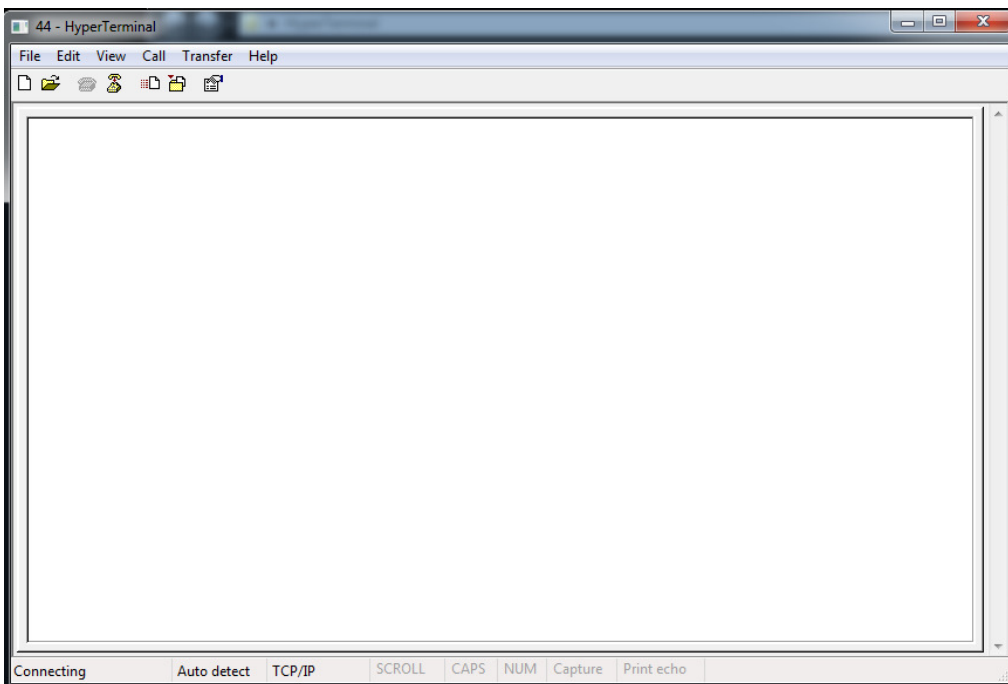
9. Type the GV-System's IP address and Port number (we were setup as 5111 in this case).



5. After all, a HyperTermonal Window pops-up. In this case, I type q /



Enter / a / Enter / z / Enter on the keyboard, you will see blank in HyperTerminal Window.



On the other hand, you will see the qaz English letter shown in Multicam's live view. If you didn't see any data in Multicam, please double check your Port and TCP/IP setting.

