HyperTerminal Test SOP

Presented by Support Team #2
November, 2014

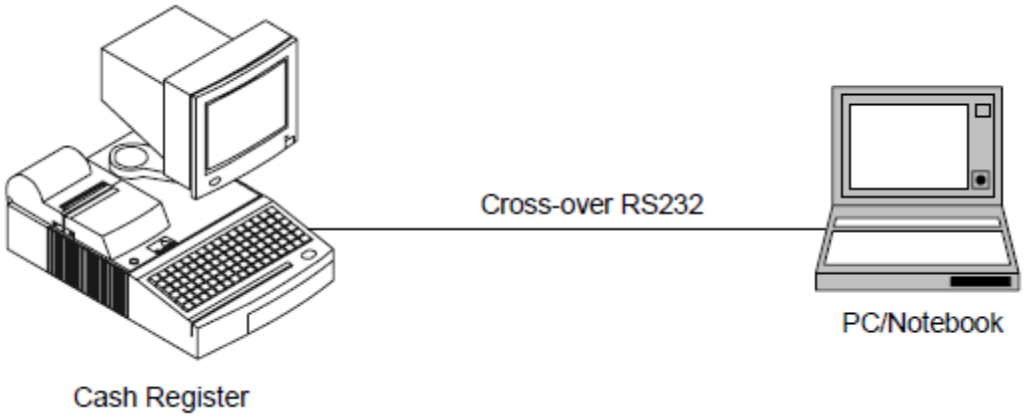
Scenario #1

Purpose:

Use HyperTerminal to test compatibility with POS machine

Layout:

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

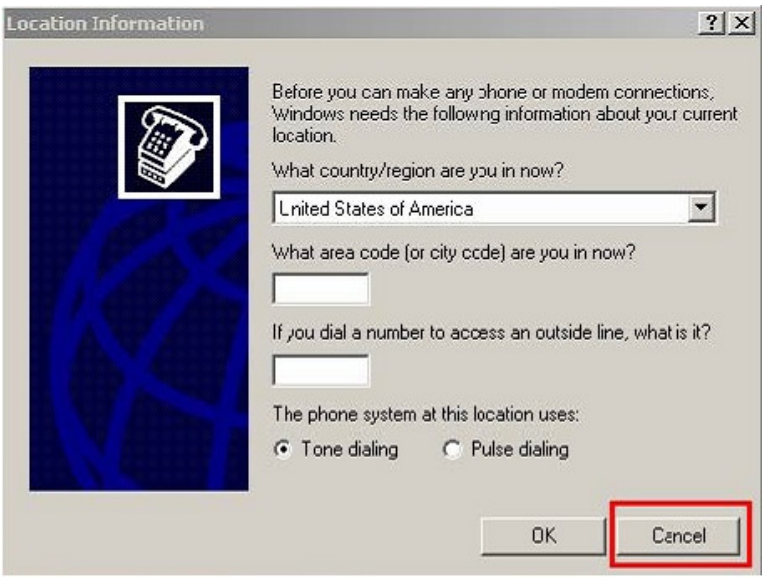


Procedure:

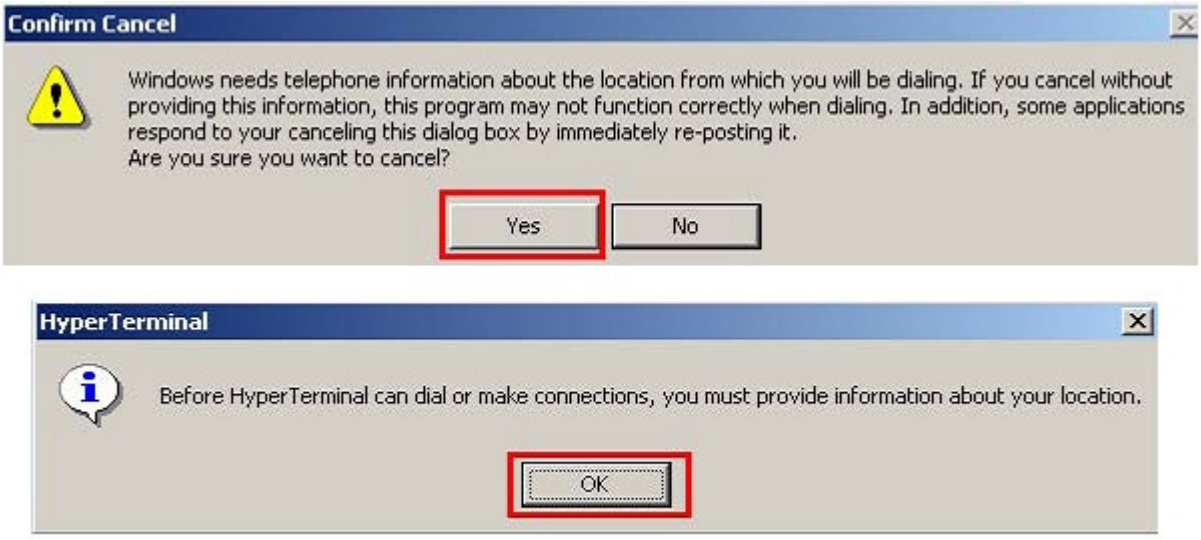
1. Download HyperTerminal

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

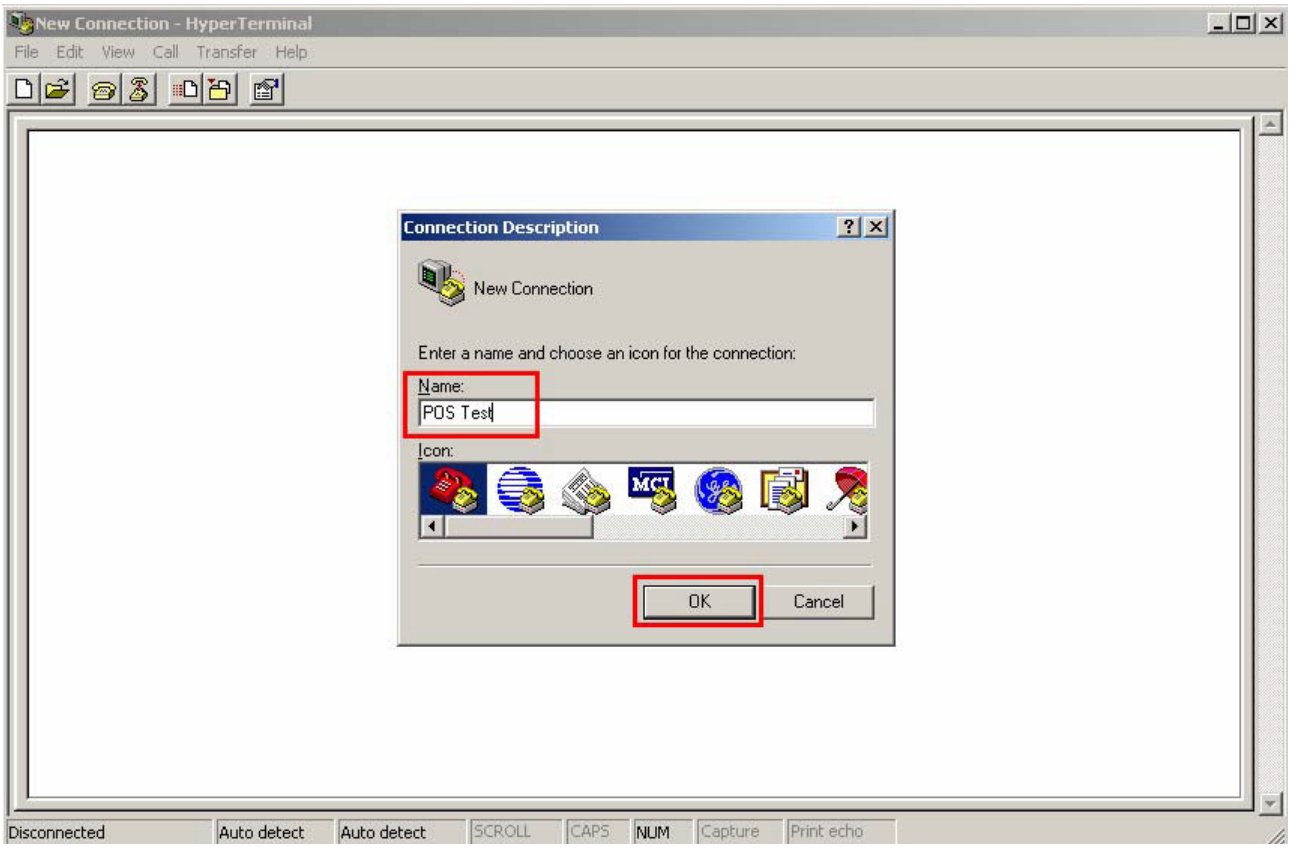
2. Launch HyperTerminal and cancel the location settings



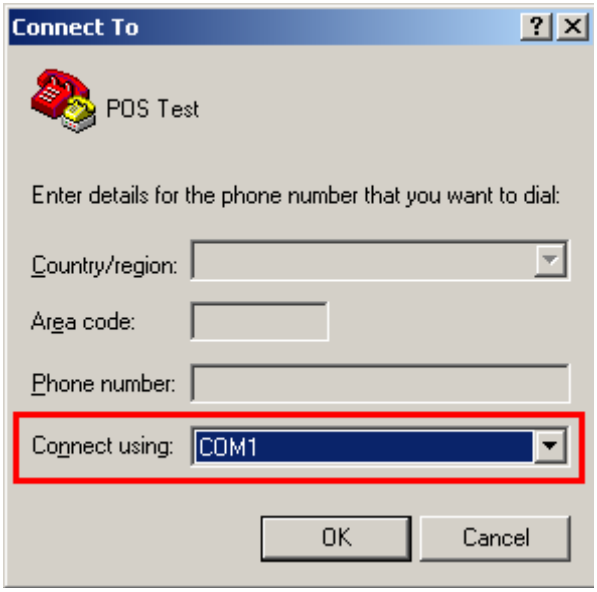
Then click yes for the message below. Lastly, click OK in order to get into HyperTerminalTest Window.



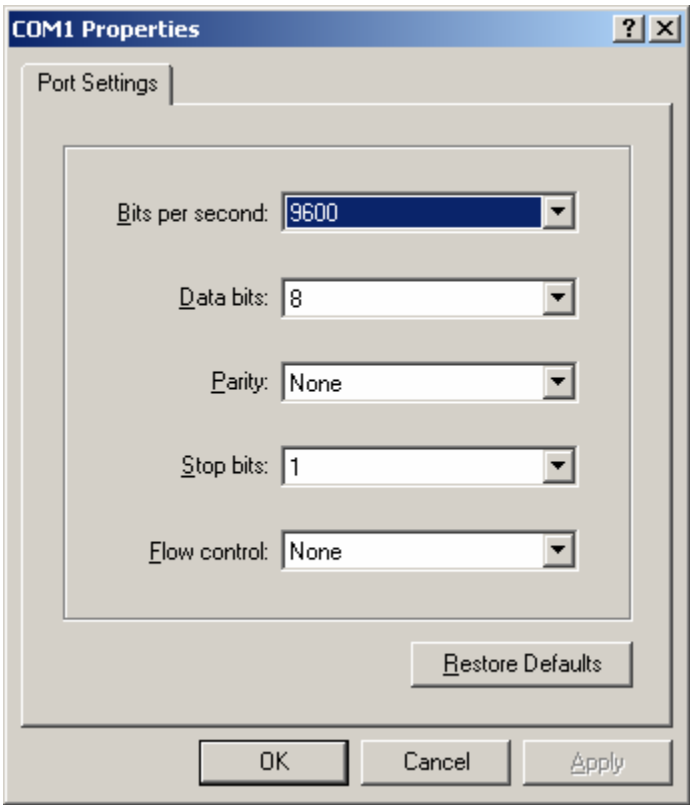
3. Assign a name for connection



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

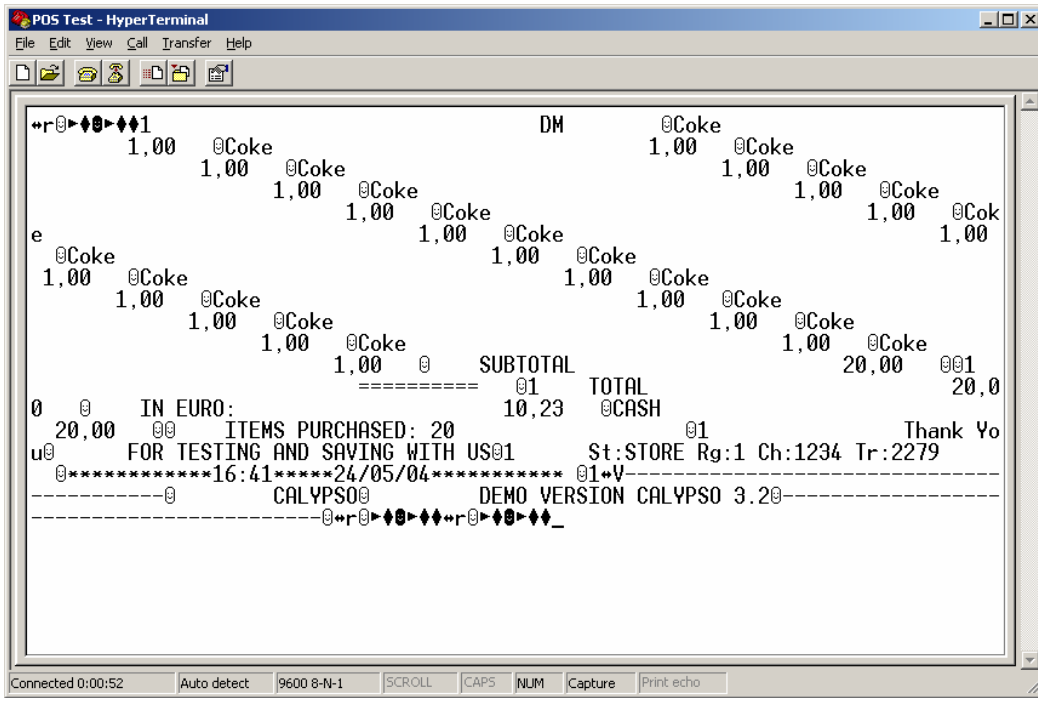


5. Make sure the setting is the same as blow



6. **User have to generate a transaction from POS machine and can see three conditions from specific com port**

   A. Show irregular result. (It is compatible)



   B. You can see POS transaction clearly but just between each transaction, you will see some garbage texts between them (In this case, it is still compatible but need printer command to adjust the format)

   C. Show nothing (It is not compatible)

By the way, user can have look related information by following the POS Flowchart as link below.

(http://www.geovision.com.tw/english/faq/POSflowchart/posflow-1_new.htm)

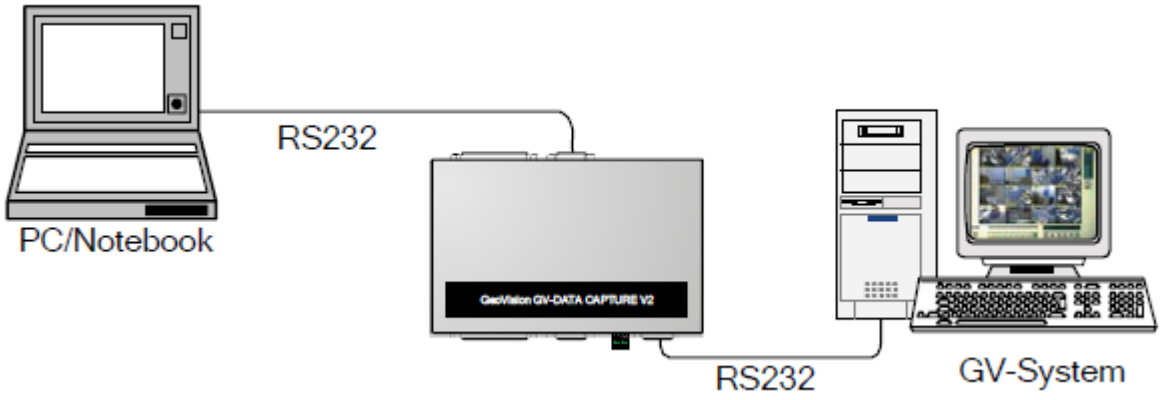
Scenario #2

Purpose:

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

Layout:

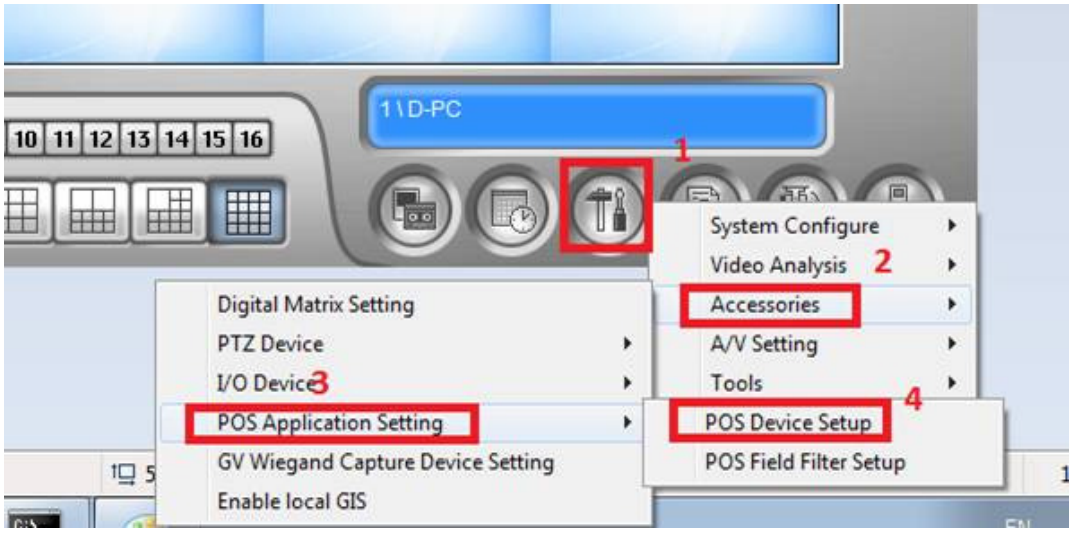
Will use RS232 cable with Data Capture box V3 to connect to each other PC/ Notebook is Com1; GV-System is Com2.



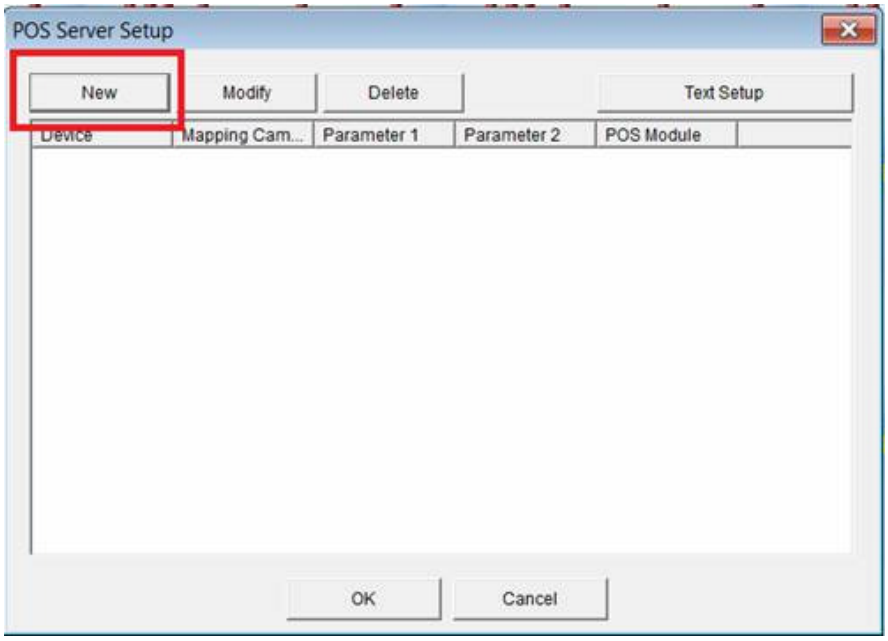
Procedure:

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

1. Go to setup page of POS

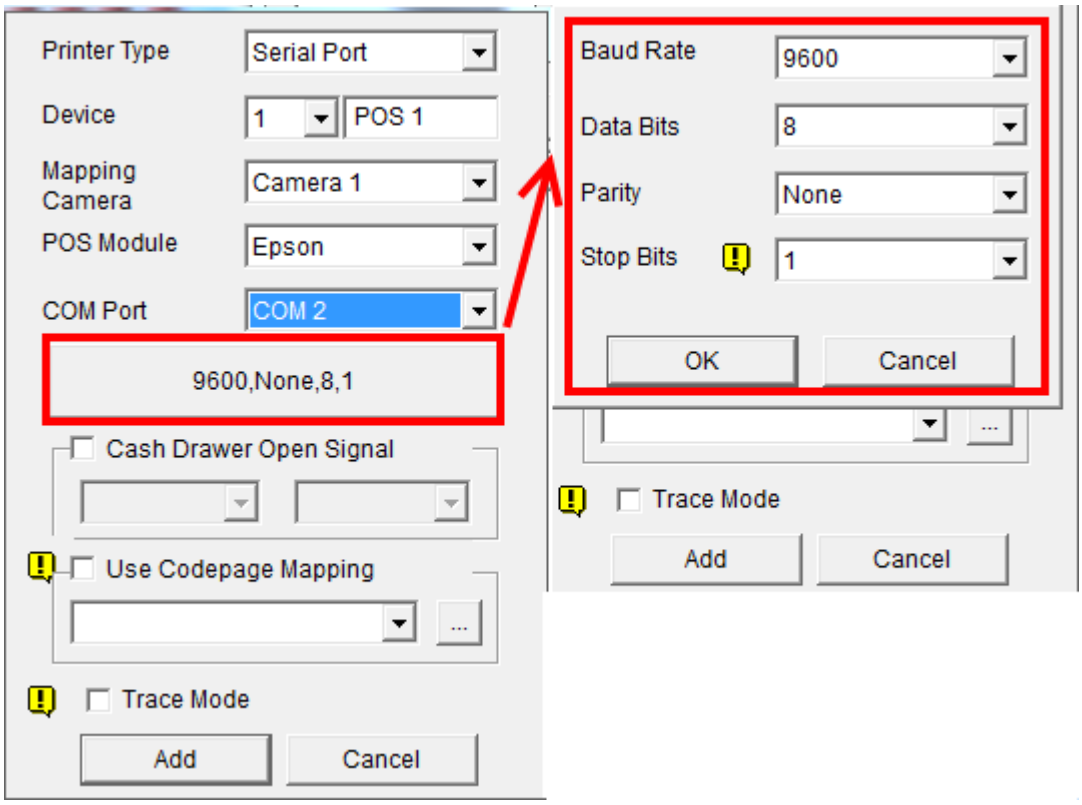


2. Click "New" button



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

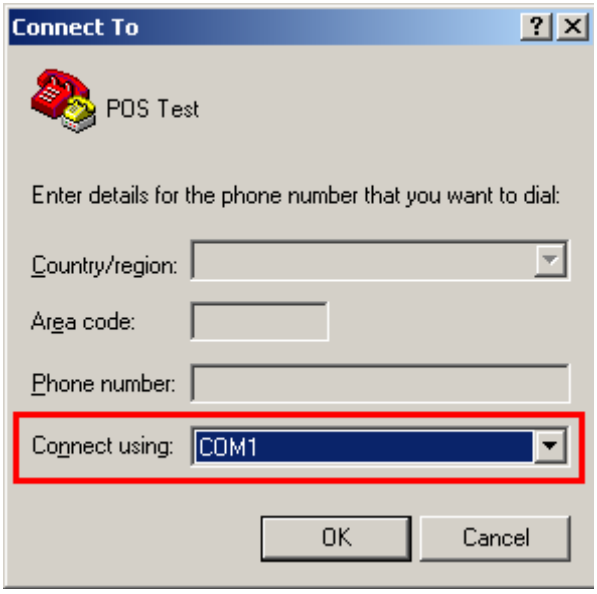
4.



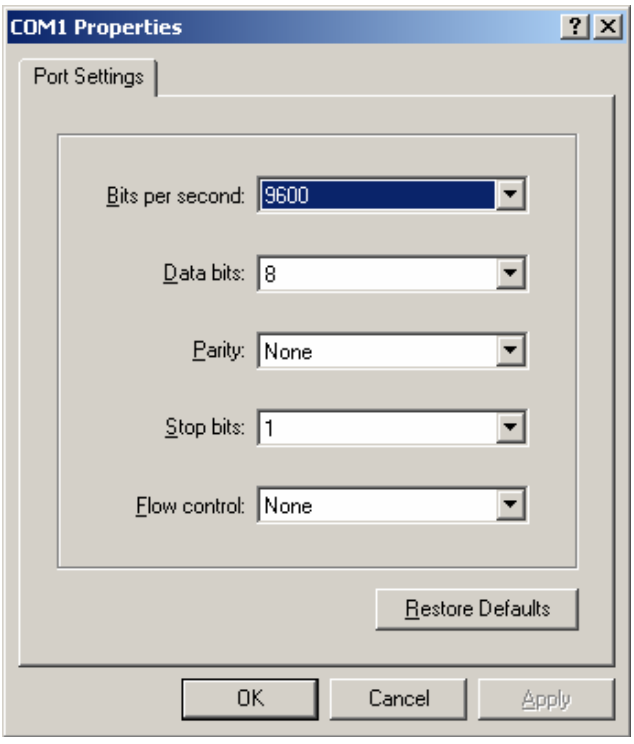
From PC/ Notebook side, you will also need to do the following.

1. Download HyperTerminal
http://ftp.geovision.tw/ftp/derek/HyperTerminal.zip

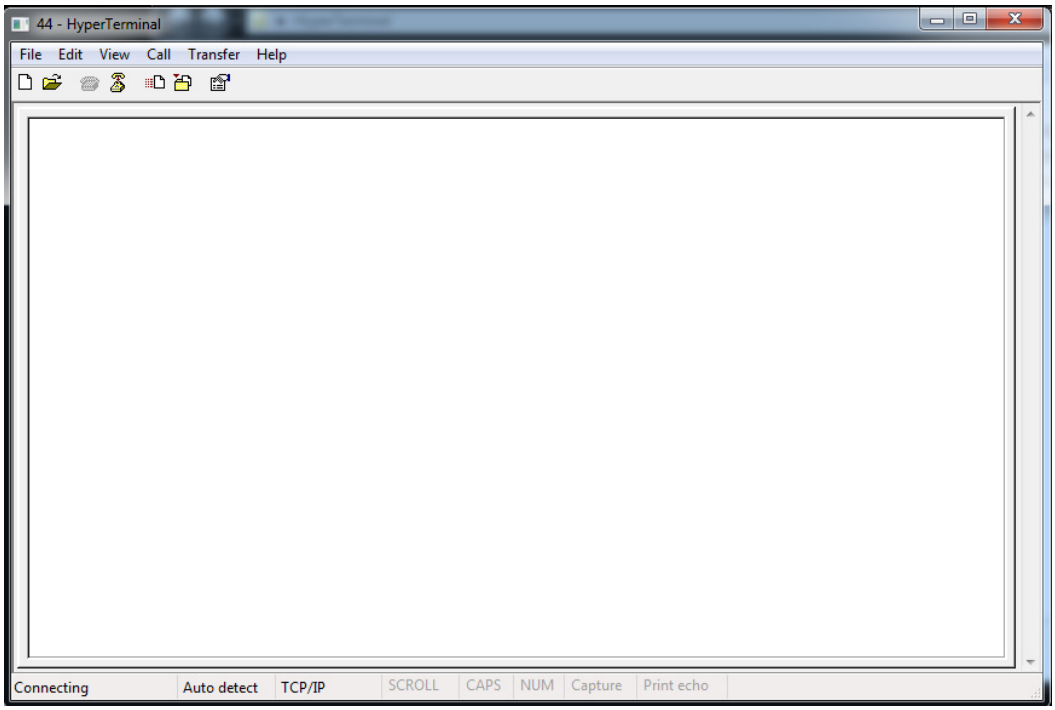
2. Setup Com Port to send transaction out
In this case COM 1 is for Data Capture Box.



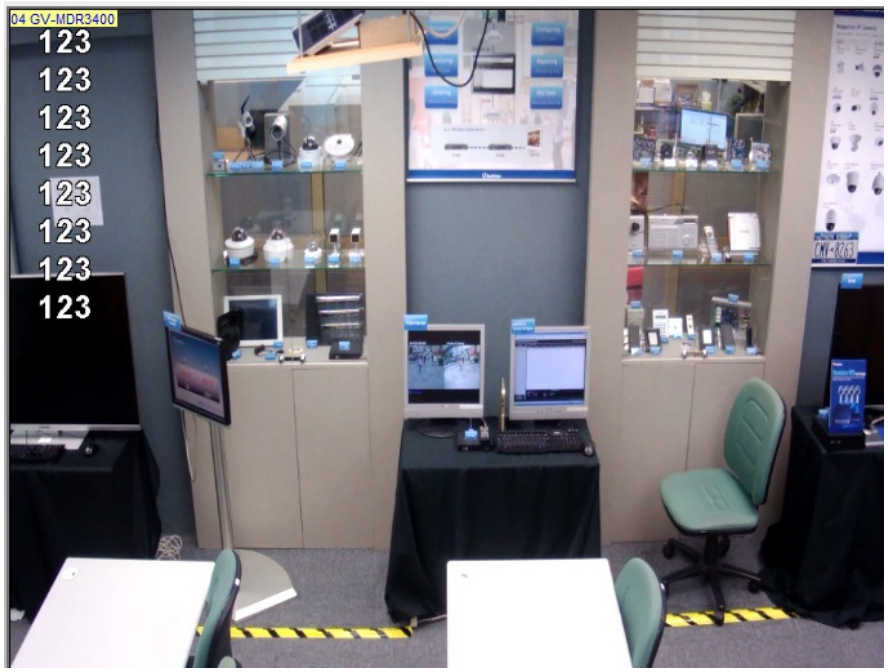
3. Make sure the configuration setting is the same as in the diagram



4. **After all, a HyperTermonal 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

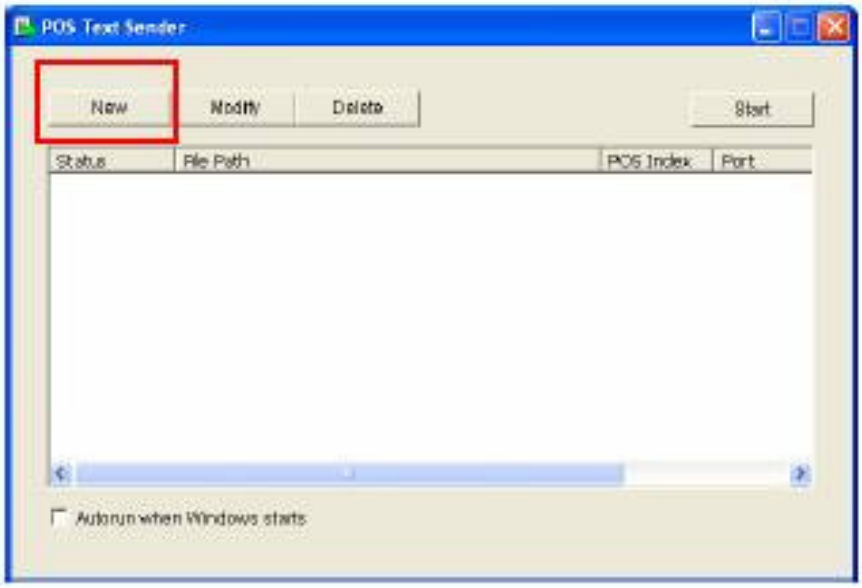
Layout:

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

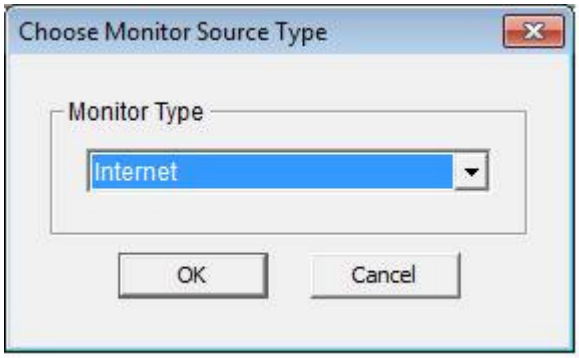
Procedure:

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**

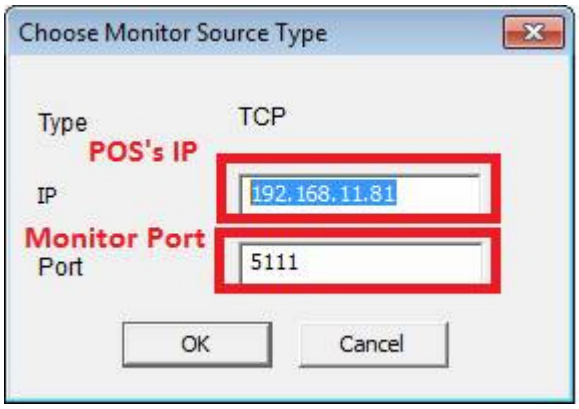


2. Choose Internet option for TCP/IP connection

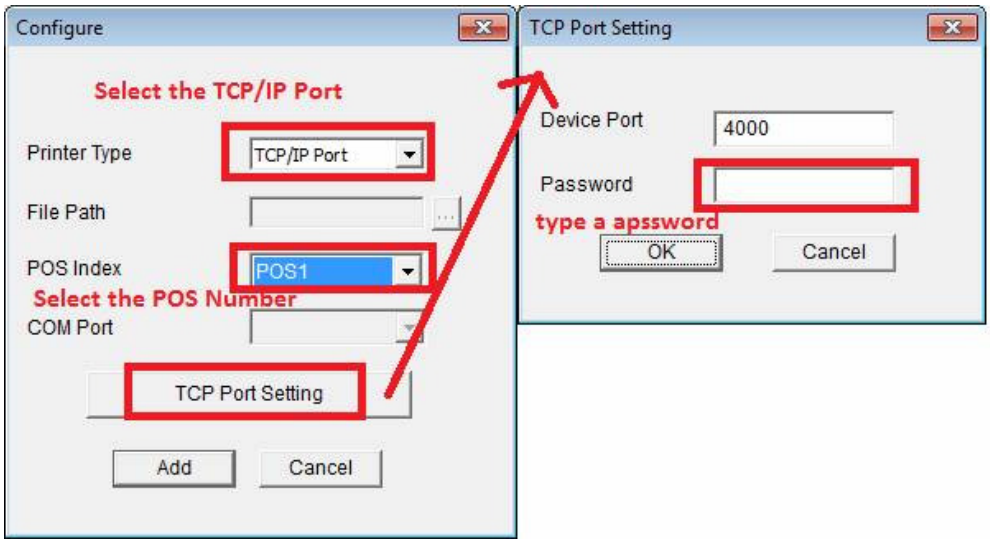


3. Type PC/Notebook's IP and Monitor Port

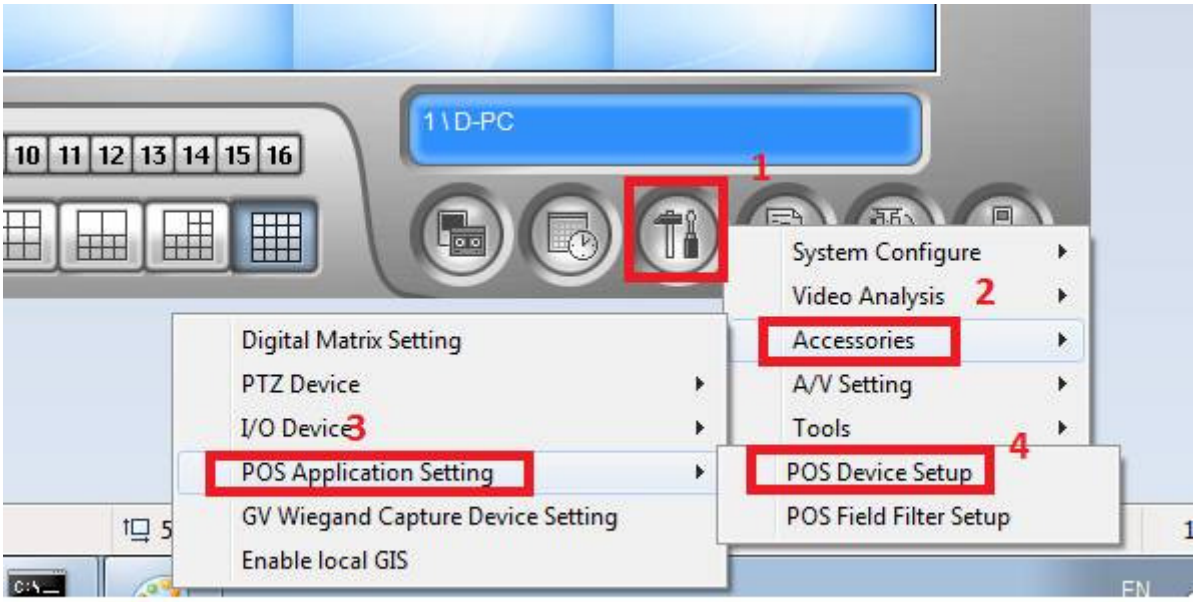
In this case, we use Port 5111 to listen from PC/Notebook.



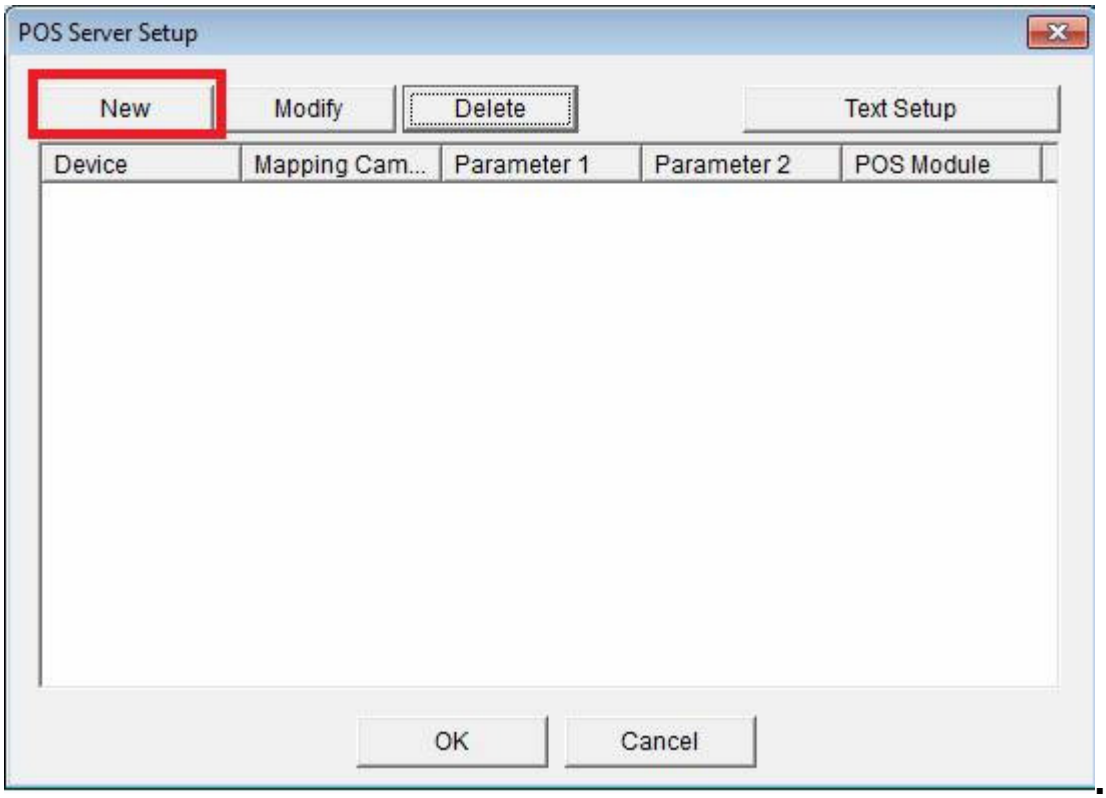
4. Select TCP/IP port, POS number, type password (should be the same as GV-system for connection, max is 4 digital)



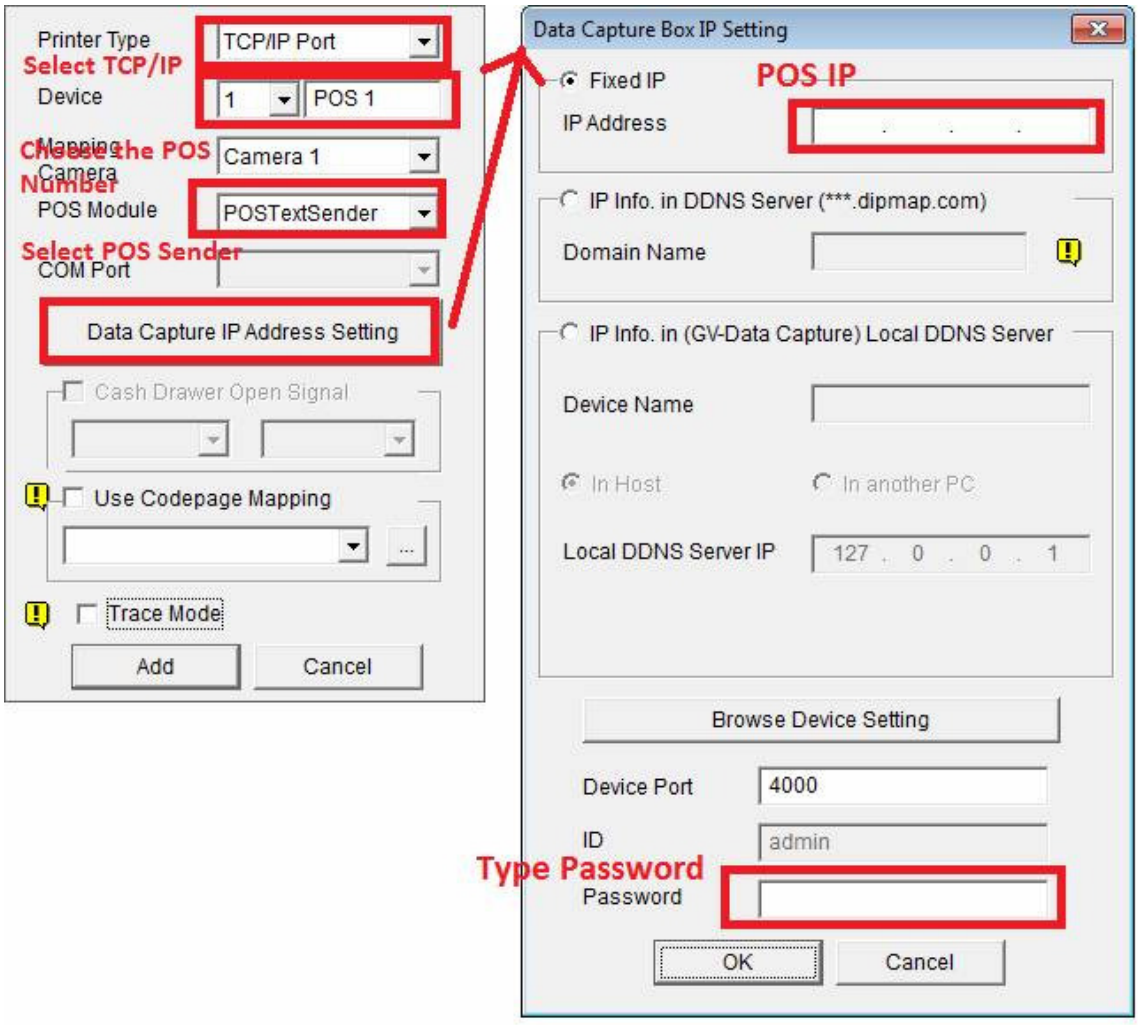
5. **Secondly, configure on the MultiCam. Go to POS device Setup.**



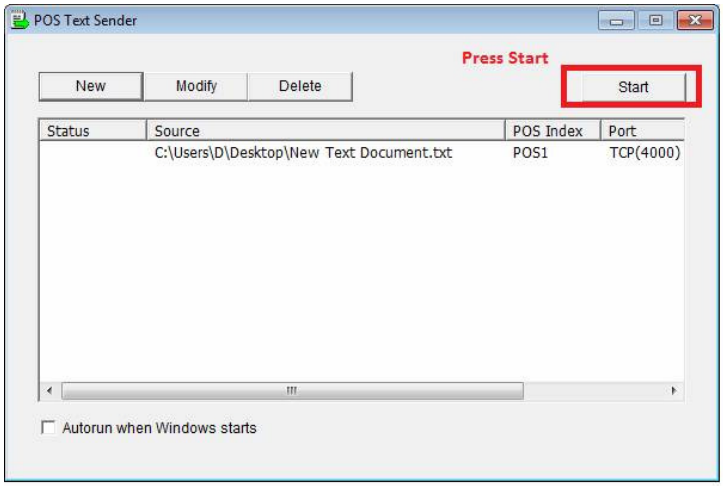
6. **Click "New" button**



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



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

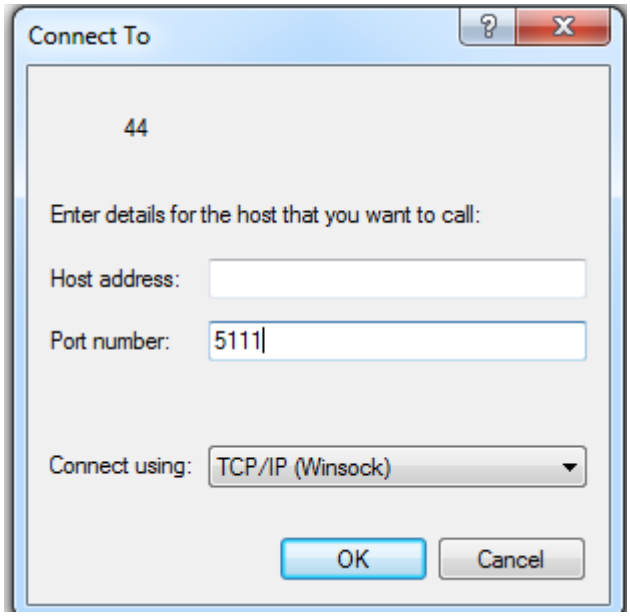


From PC/Notebook side, you will also need to configure the follows.

1. **Download HyperTerminal**
   http://ftp.geovision.tw/ftp/derek/HyperTerminal.zip

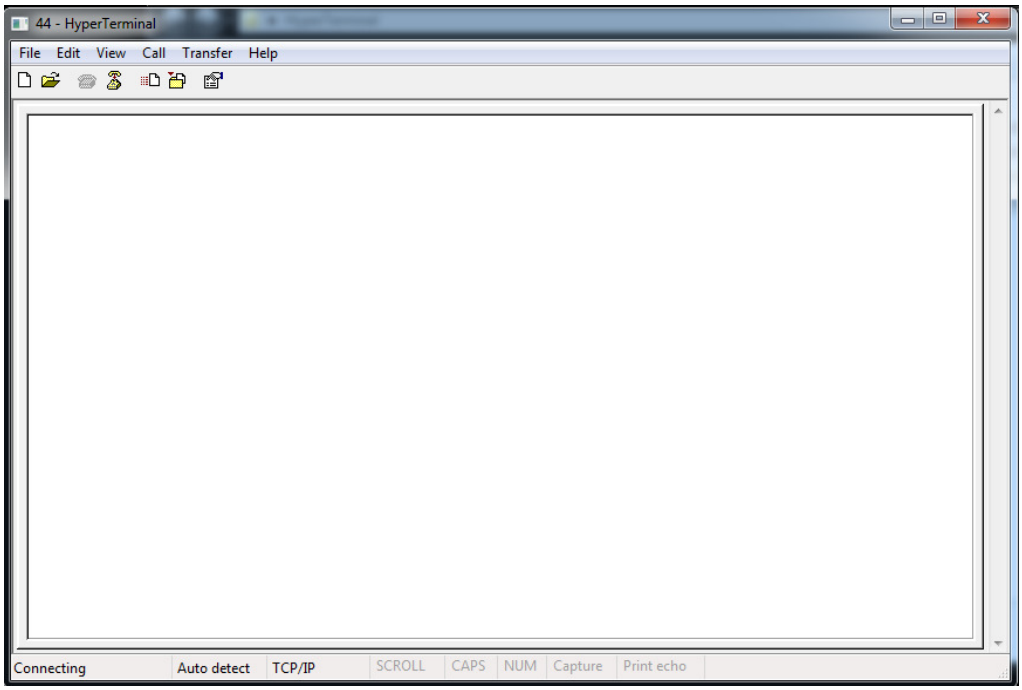
2. **Launch HyperTerminal to send out transaction by using TCP/IP**

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.