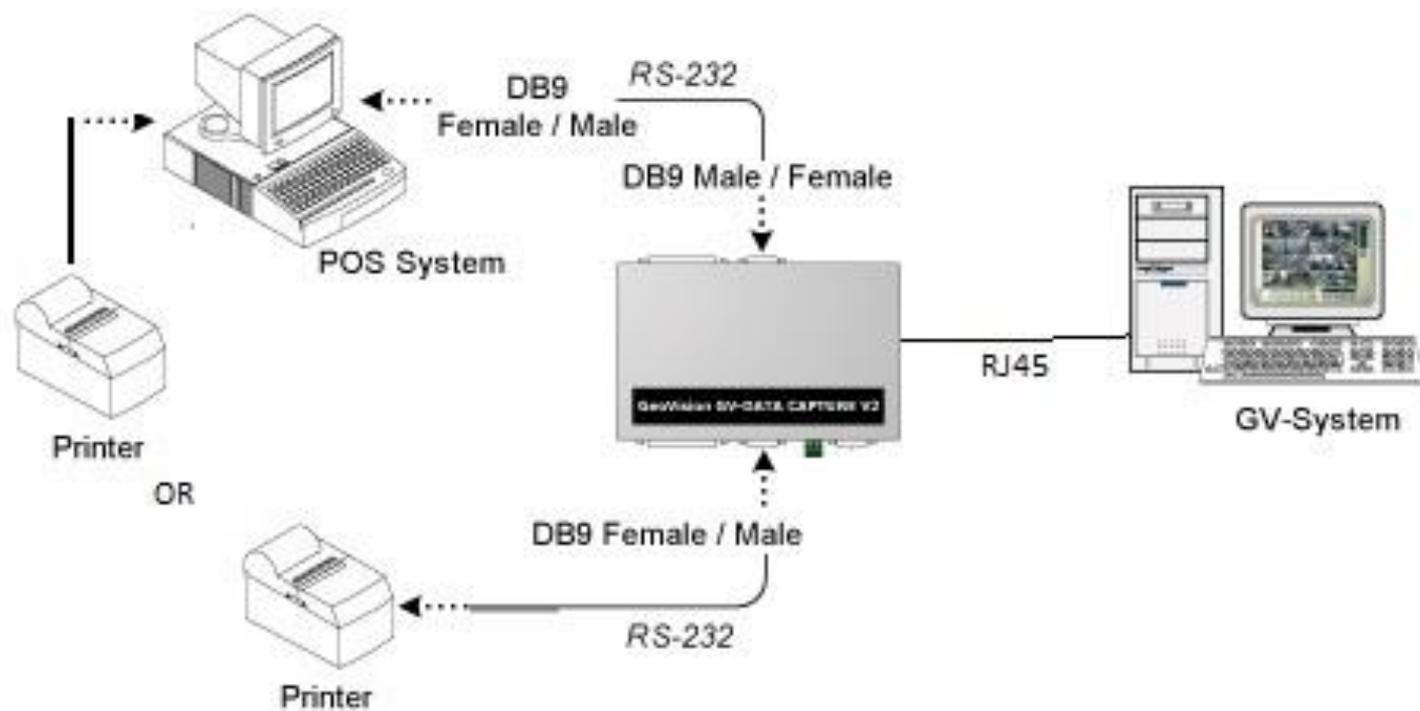


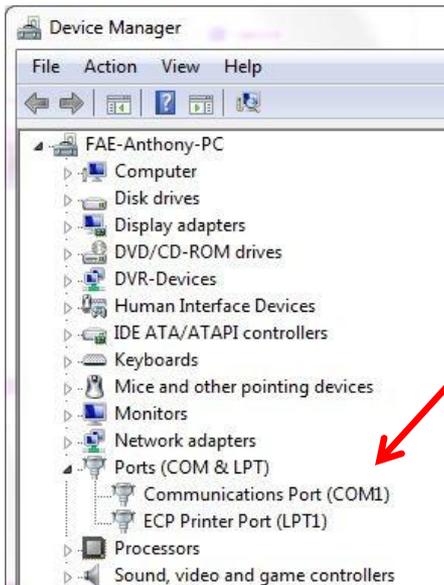
Quick guide to setting up Data Capture box to NVRLite v2 with pcAmerica POS



CONNECTION DIAGRAM

► POS system





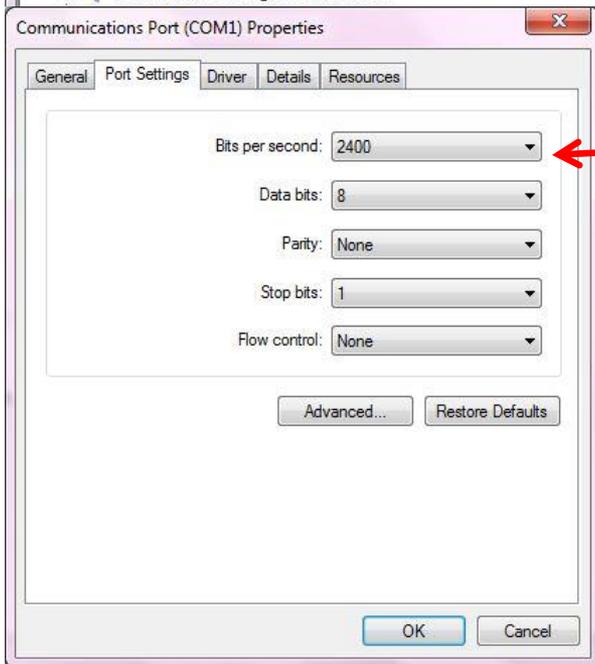
Click on Start> Search: type “Device Manager”

Device Manager:

Click > Ports (COM & LPT) & Expand

Select: Communications Port (COM#)

Right click: Communications Port (COM#) > Properties

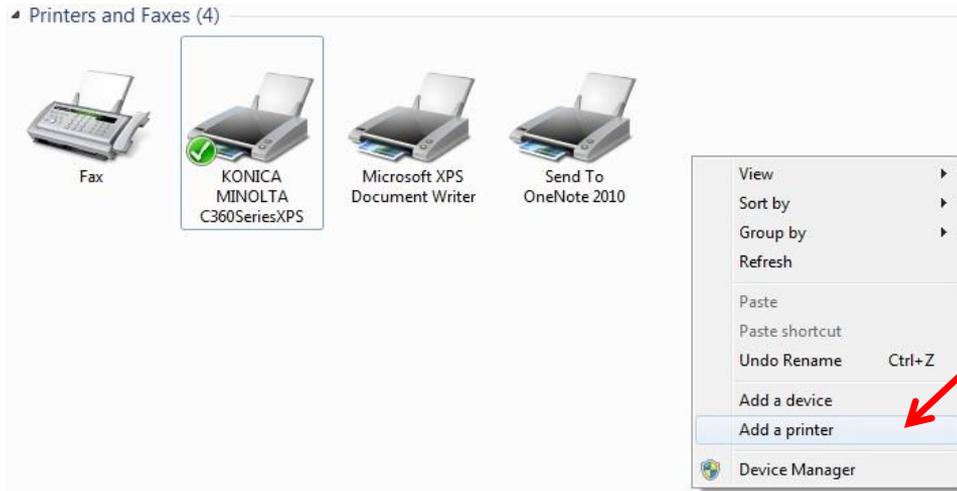


Select “Port settings” tab

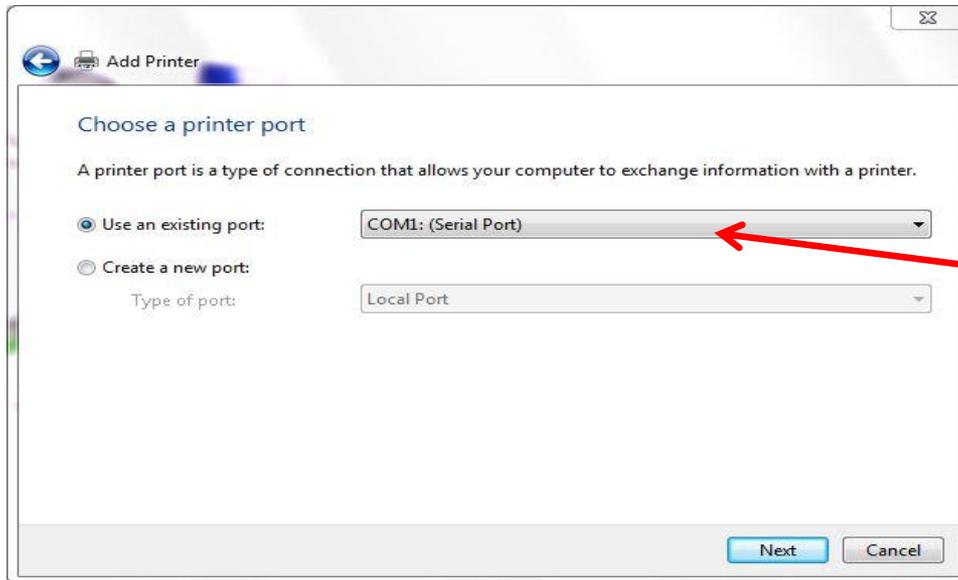
Bits per second: **2400** (medium display speed)
9600 (fast display speed)

Note:

Bits per second need to match w/ Data Capture Box (**SW4**)



- Click Start > Devices and Printers >
- Click or Right Click > Add a printer

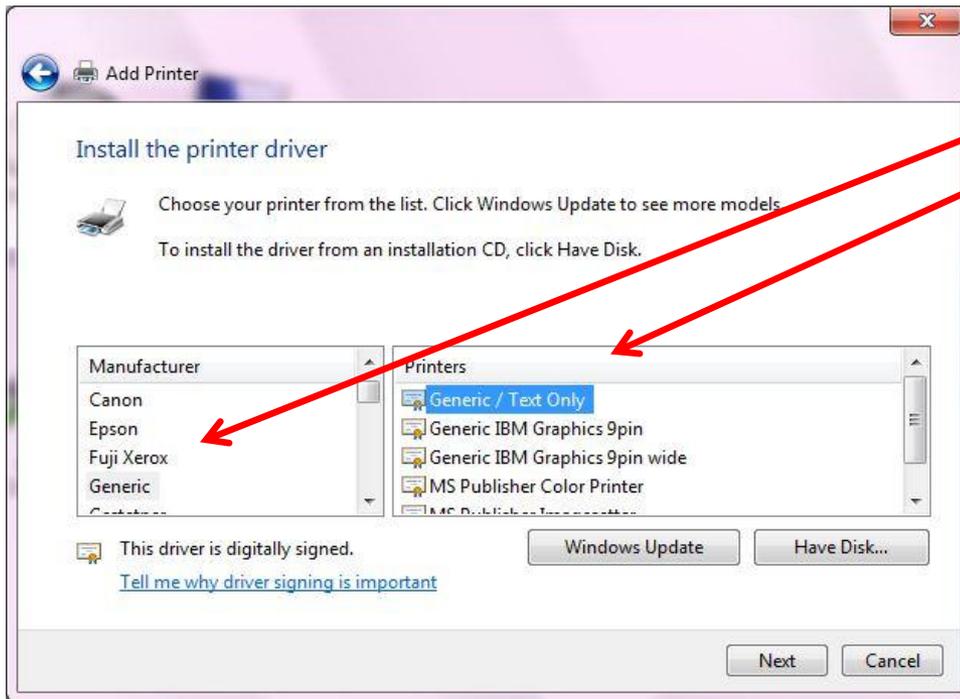


- Add Printer: Click > Add a local printer

Select:

- “Use an existing port:”
- “Com#: (Serial Port)”

Note: Choose available COM# / Serial Port

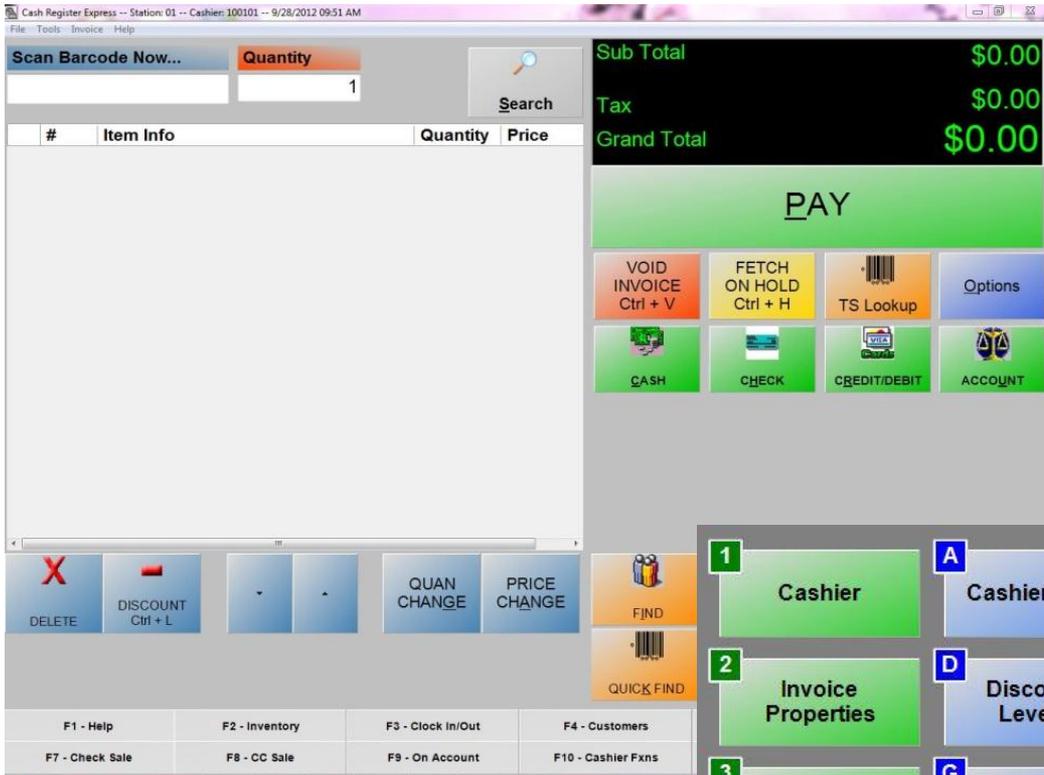


Select:

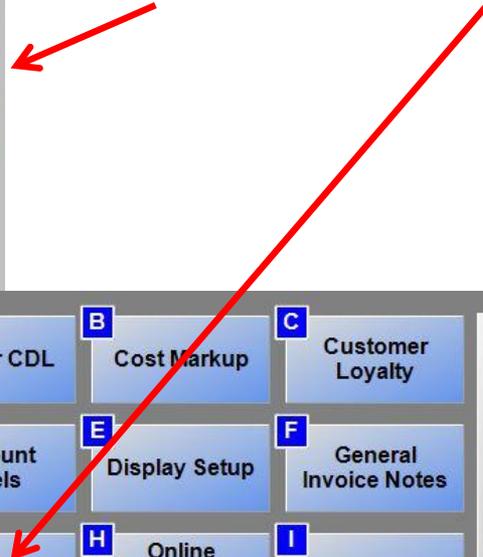
Manufacture: **Generic**

Printers: **Generic / Text Only**

Click "Next" till "Finish"



Click Options > Setup > Setup Screen



Setup Screen

Account Control | Company Info | Couponing | Hardware | Internet Features | Inventory | Invoice Settings

Payment Processing | Quick Invoicing & Alerts | Quick-Add | Receipt | Reports

Restaurant Features | **Station Specifics** | System Access | Touch Screen

Print Extra Order Copy To:
 N/A
 Monitor
 Printer

Allow this station to end transactions
 Yes
 No
 Credit Card Only

Allow credit card swipes on invoice screen
 Disable time-based pricing

Station Role
 Standard

Generic / Text Only (Copy 1)
 Generic / Text Only
 Send To OneNote 2010
 Microsoft XPS Document Writer
 KONICA MINOLTA C360SeriesXPS
 Fax

External DVR Client
 Enable External DVR Client

Ext. D Setup Screen

Setup Screen: Station Specifics

Print Extra Order Copy To: **Printer**
 Station Role: **Standard**
Generic / Text Only

Receipt: Page 1

Receipt Size: **Receipt**
 (others setting, output information varies)

Account Control | Company Info | Couponing | Hardware | Internet Features | Inventory | Invoice Settings

Payment Processing | Quick Invoicing & Alerts | Quick-Add | Receipt | Reports

Restaurant Features | Station Specifics | System Access | Touch Screen

Page 1 | Page 2

Receipt Size
 Receipt
 Short Receipt
 Full
 Full Professional

Print Invoices
 No
 Yes
 Prompt
 CC DC And EBT
 Prompt Size
 Prompt Media

Print Logo
 None
 Picture
 Company Info
 Pic and Info

Print Modifiers on Receipt
 Print all, total only
 Print all, breakdown
 No, Print None
 Print charged, total only
 Print charged, breakdown

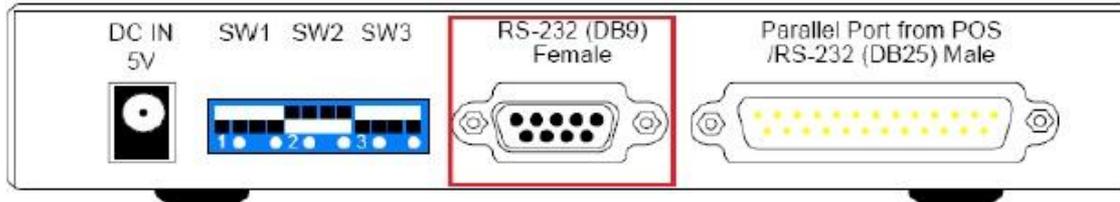
of Copies: 1 | # of Store Credit Receipts: 1 | Kitchen Receipt Font Size: Small

Prompt to Email Purchase Order
 Print Bar Code On "On-Hold" Receipts
 Print Bar Code On "Complete" Receipts
 Print Extra Copy of On Account Receipts
 Suppress Extra Signature Copy
 Print Notes on CC Receipt
 Print Dept Notes Receipt
 Print item count on Receipt
 Print Second Description on Full Size Professional
 Validate Checks
 Combine Lines on Short Receipt
 Print Paid Status in Kitchen Receipt.

Scale | Update | Exit

1. Connect DB9 cable from POS cash register output into back side of Data Capture Box V3/V3E using straight through DB9 cable (included in the package).

Rear Panel

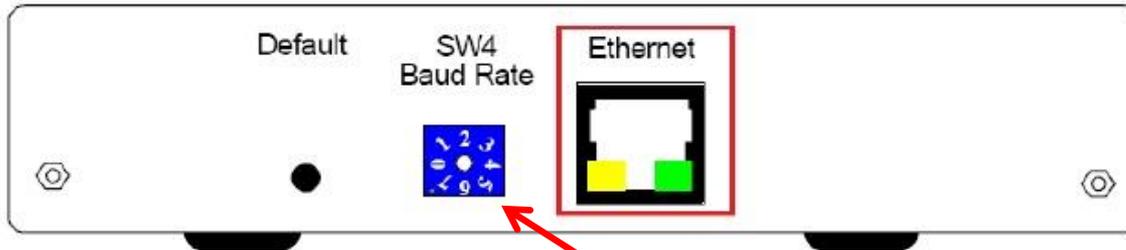


SW1 & SW2 & SW3:

Leave at Default position
(as shown)

2. Connect Data Capture Box V3E onto local network via Ethernet port on the side.

Side Panel



| Switch Number | Baud Rate |
|---------------|---------------------------|
| 0 | 115200 (default value) |
| 1 | 57600 |
| 2 | 38400 |
| 3 | 19200 |
| 4 | 9600 |
| 5 | 4800 |
| 6 | 2400 |
| 7 | 1200 |

SW4:

Turn dial to matching speed

Note:

Make sure that Bit Rate Speed is identical with Baud Rate



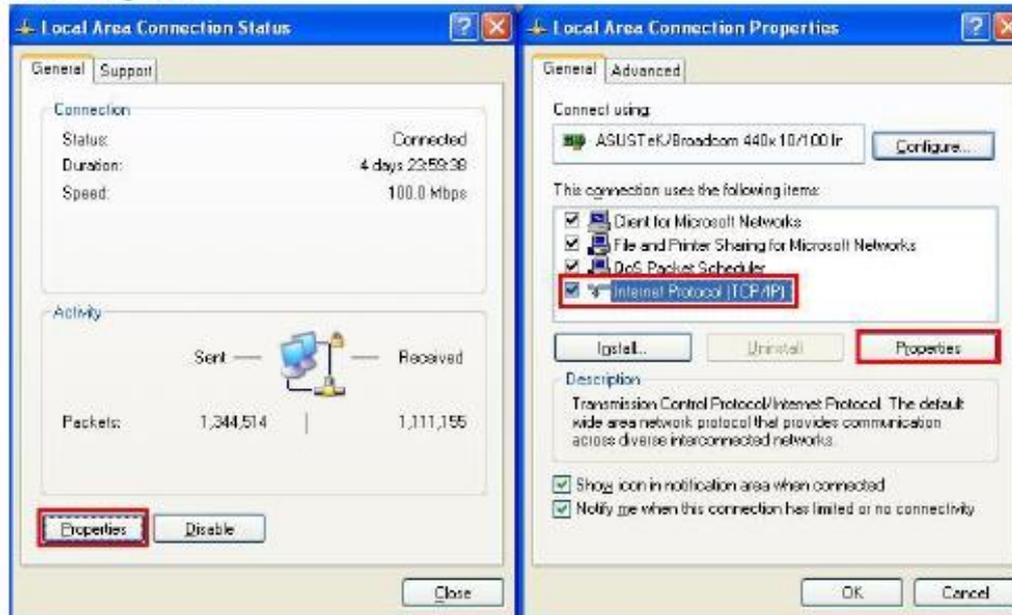
GV-Data Capture V3E

PC/Notebook

1. Connect Data Capture Box V3E with a PC/laptop via an Ethernet cable.
2. On the PC/laptop, click on "Start", "Control Panel", then "Network Connections".



3. Double-click on "Local Area Connection".
4. Click "Properties".

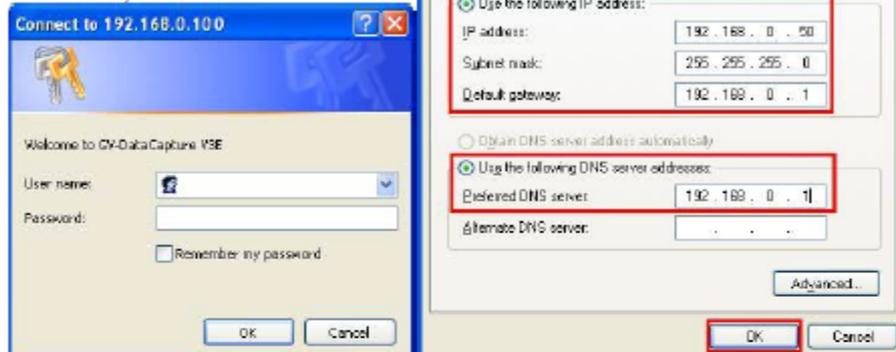


5. Highlight "Internet Protocol (TCP/IP)", select "Properties".
6. Select "Use the following IP Address", then set PC/laptop's network properties as follows:
 - a. IP Address: 192.168.0.50
 - b. Subnet Mask: 255.255.255.0
 - c. Default Gateway: 192.168.0.1
 - d. Preferred DNS Server: 192.168.0.1

7. Click "OK".
8. Open Internet Explorer, go to <http://192.168.0.100>.

✓ *If page cannot be opened, verify Ethernet connection and make sure that Data Capture Box V3E is powered ON.*

9. Enter default User name "admin" and password "1234", click "OK".



10. Change IP Address, Subnet Mask, Default Gateway, and Domain Name Server so they match the network properties of the desired network.

✓ *In order to prevent IP conflict, it is necessary to configure the Data Capture Box V3E with an IP address that is not yet taken in the network*

GeoVision System Configuration

GV-Data Capture V3E Name: Data Capture 01

DHCP Client:

- Enable
- Disable

IP Address: 192 . 168 . 0 . 100

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: 192 . 168 . 0 . 1

Domain Name Server: 168 . 95 . 1 . 1

Domain Name Service:

- Not Send
- Send to LocalDDNS

Server IP: 192 . 168 . 0 . 10

Device Name: pes

11. Double check the new network properties of the Data Capture Box V3E, click "Submit".
12. Connect Data Capture Box V3E back in original desired network.

✓ *Ping Data Capture Box V3E with its new IP address. If there is no response, load default on Data Capture Box V3E then restart from step 1.*

1. In Multicam, click on “Configure”, “Accessories”, “POS Application Setting”, “POS Device Setup”.
2. Click “New”.
3. Select “TCP/IP Port” as Printer Type.

Printer Type: Serial Port

Device: Serial Port
Parallel Port
TCP/IP Port

Mapping Camera: []

POS Module: []

COM Port: []

9600,None,8,1

POS Server Setup

New Modify Delete Test Setup

| Device | Mapping Cam... | Parameter 1 | Parameter 2 | POS |
|--------|----------------|-------------|-------------|-----|
| | | | | |

OK Cancel

4. Select POS Device number, use “1” for first POS connection.

- ✓ *If multiple POS devices are connecting to the DVR, assign an index to each additional POS device in increasing order.*
- ✓ *When using POS Text Sender, the device number selected has to match the POS Index as shown in step 7 in section 4.6.4.*

Printer Type: TCP/IP Port

Device: 1 POS 1

Mapping Camera: 1
2
3
4
5
6

POS Module: []

COM Port: []

Data Capture IP Address Setting

5. Select “Mapping Camera” to map the POS overlay onto a camera.

- ✓ *One POS device can only overlay on one selected channel.*
- ✓ *Once the channel has been mapped to a POS device, it cannot be mapped for another POS device.*

Printer Type: TCP/IP Port

Device: 1 POS 1

Mapping Camera: Camera 1
Camera 2
Camera 3
Camera 4

POS Module: []

COM Port: []

Data Capture IP Address Setting

6. Select **"POS Module"** to indicate POS type.
 - ✓ Select *General* if POS device does not specify a printer type
 - ✓ Select *POSTextSender* for POS Text Sender
7. Click **"Data Capture IP Address Setting"**.
8. Enter **Device IP** of Data Capture Box V3E (step 10 in section 4.5.6) or POS Text Sender (Windows-based POS system).
9. Enter **Password** of Data Capture Box V3E (section 4.5.5) or POS Text Sender (step 9 in section 4.6.4).
10. Click **"OK"**.

Data Capture Box IP Setting

Fixed IP

Device IP : 192 . 168 . 0 . 100

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

Login ID : admin

Password :

OK Cancel

Printer Type : TCPMP Port

Device : 1 POS 1

Mapping Camera : Camera 2

POS Module :

COM Port : General

GraphMode

POSTextSender

Data Capture IP Address Setting

Printer Type : TCPMP Port

Device : 1 POS 1

Mapping Camera : Camera 2

POS Module : POSTextSender

COM Port :

Data Capture IP Address Setting

Cash Drawer open signal

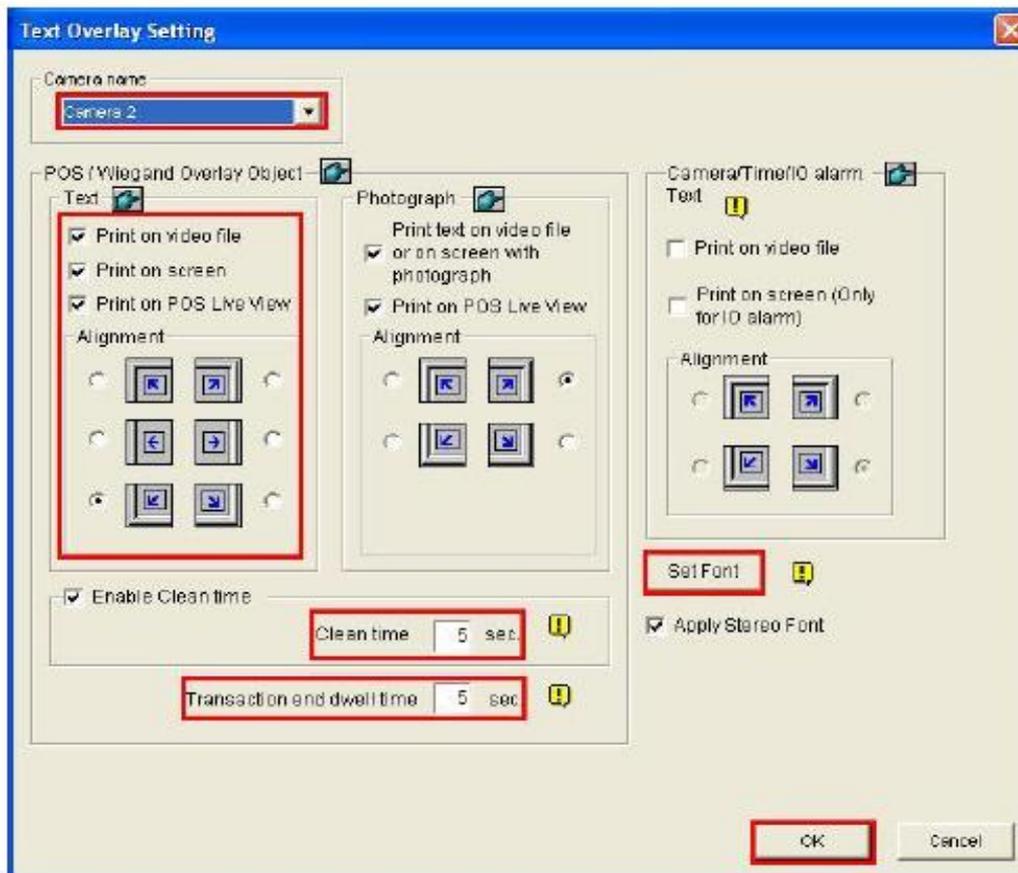
11. Click **"Add"** to add the POS device.

1. In Multicam, click on “Configure”, “General Setting”, “Text Overlay Setting”.
2. Select camera with POS text overlay.
3. Check or uncheck the options to have POS text overlaid on video file (recorded video), screen (live view), and/or POS Live View window.
4. Adjust “Clean time”.

✓ *Clean Time is defined as the time period in which POS text overlay will remain on screen after last transaction is received.*

5. Adjust “Transaction end dwell time”.

✓ *Transaction end dwell time is defined as the time period in which POS text overlay will remain on screen after receiving transaction stop event.*



6. Click “Set Font” to adjust text overlay font, size, and color.
7. Click “OK”.