

GV-Data Capture V3 Series

GV-Data Capture V3 Series can interface with POS systems and GV-System to overlay transaction data on video footage. The GV-Data Capture V3 Series includes **GV-Data Capture V3**, **GV-Data Capture V3E** and **GV-Data Capture V3.1E**. For details, please download the User's Manual from our website:

http://www.geovision.com.tw/Install_Products/GV-DataCaptureV3E.pdf

Packing List

- | | |
|---------------------------------------|-------------------------------------|
| 1. GV-Data Capture V3 / V3E Box x 1 | 5. Power Adaptor DC 5V x 1 |
| 2. DB9 RS-232 cable (1.8 meters) x 1 | 6. DB25 Male Printer Terminator x 1 |
| 3. DB9 RS-232 cable (3 meters) x 1 | 7. Wall Hook x 1 |
| 4. DB25 RS-232 cable (1.8 meters) x 1 | |

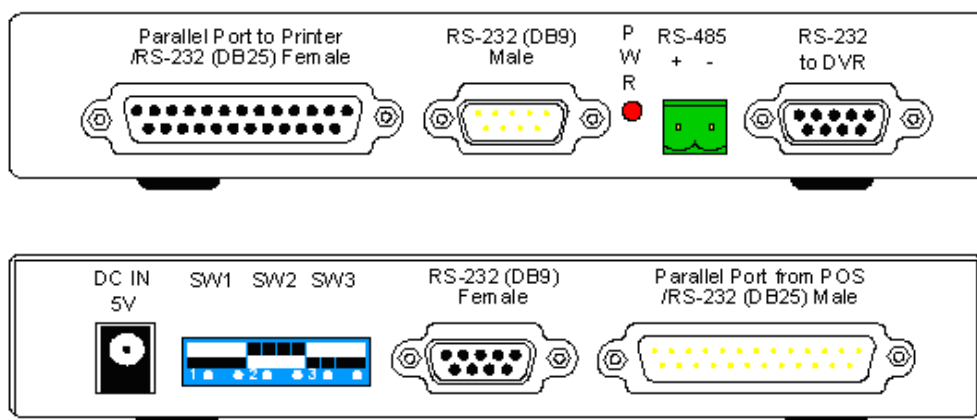
System Requirements

- **GV-Data Capture V3:** GV-System version 6.0.2.0 or later
- **GV-Data Capture V3E / V3.1E:** GV-System version 8.0.4.0 or later

Front and Rear Panels

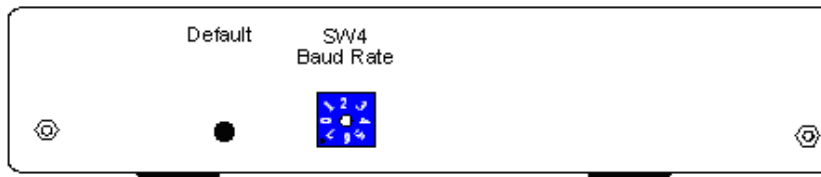
Depending on your POS output interface, choose RS-232 DB25 Male, DB25 Female, DB9 Male or DB9 Female on the GV-Data Capture panels for connection.

If the distance between POS system and GV-System is greater than 10 meters, use **RS-485 port** on the GV-Data Capture or purchase the **Ethernet models** (GV-Data Capture V3E / V3.1E) for connection. See the connection diagrams later in this installation guide.

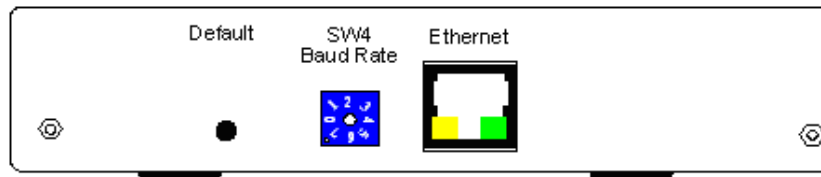


Side Panel

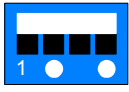
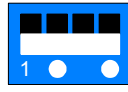
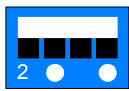
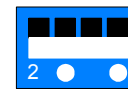
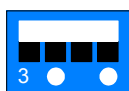

V3



V3E / V3.1E



DIP Switch Setup

SW1	Up: Serial (Default) Down: Parallel		
SW2	Up: DB25 Mode Down: DB9 Mode (Default)		
SW3	Up: Non-crossover (Default) Down: Crossover		

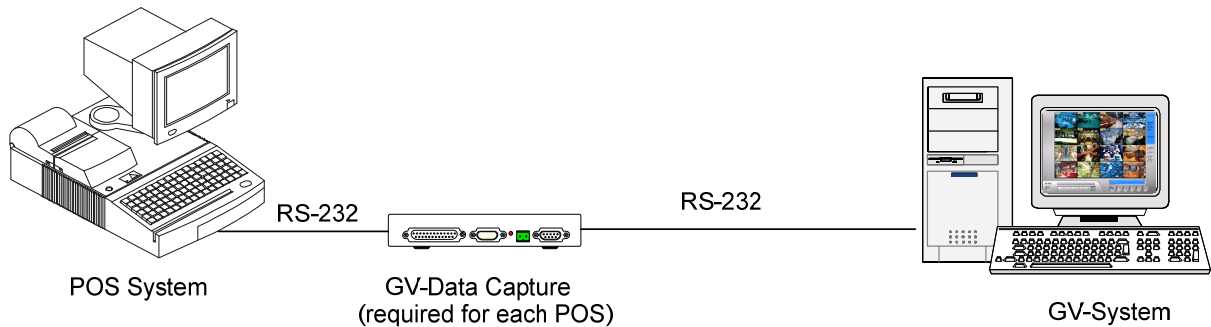
Baud Rate Setup

Set the baud rate on the side panel of the GV-Data Capture to correspond to that of the POS system.

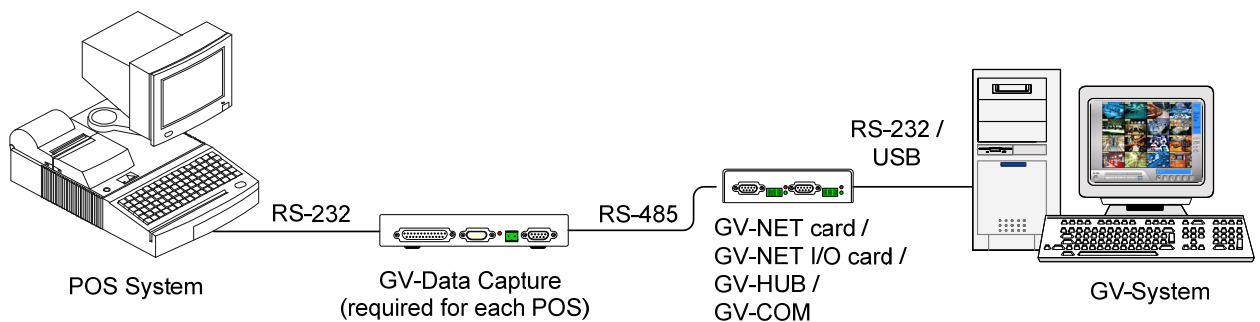
Switch Number	Baud Rate
0	115200 (default value)
1	57600
2	38400
3	19200
4	9600
5	4800
6	2400
7	1200

Device Connection

- When the physical distance between your POS system and the GV-System is less than 10 meters (32 ft), use the supplied RS-232 cables for connection.



- When the physical distance between your POS system and the GV-System is greater than 10 meters (32 ft), use GV-NET Series, GV-HUB or GV-COM for connection.



Note: The maximum distance of RS-485 is 1200 meters (4000 ft).

Ethernet Connection for V3E Models

Users can log in the Web interface to manage and set up GV-Data Capture V3E. Follow the steps below to access the Web interface.

- Open Internet browser and type the default IP address: <http://192.168.0.100>.
- In the log-in dialog box, type the default user name **admin** and password **1234**.

Firmware Upgrade

To upgrade the firmware of GV-Data Capture V3E models:

1. Log in the Web interface, and select **Firmware Update** from the left menu.
2. Click the **Browse** button to open the firmware file (*.bin).
3. Click the **Upload** button. It may take 60 seconds for the upgrade procedure.
4. You are prompted to reboot the system. Click **OK**.

Specifications

	Connector	Function
Input	DB9 Female	RS-232 from POS
	DB25 Male / Parallel Port	RS-232 from POS / Parallel Port from POS
Output	DB9 Male	RS-232 to Printer
	DB25 Female / Parallel Port	RS-232 to Printer / Parallel Port to Printer
	DB9 Female	RS-232 to DVR
	RS-485+	Connect to GV-NET / GV-HUB / GV-COM RS-485+
	RS-485-	Connect to GV-NET / GV-HUB / GV-COM RS-485-
	RJ-45 (for V3E and V3.1E models)	RJ-45 to DVR
	Method	Speed
Communication	RS-232 from POS	1,200 bps~115,200 bps
	RS-232 to DVR	1,200 bps~115,200 bps
	RS-485 to GV-NET Card / GV-NET/IO Card	1,200 bps~19,200 bps
	RS-485 to GV-HUB / GV-COM	600 bps~115,200 bps
	RJ-45 to DVR	10 / 100 Mbps
DC IN	Power Adapter DC5V, 2A Inner Positive	
Environmental Conditions	Operating Temperature	0 °C ~ 50 °C (32 °F ~ 122 °F)
	Humidity	5%~95% (non-condensing)
Dimensions (W x H x D)	161 x 34 x 123 mm (6.33" x 1.33" x 4.84")	

Note: Specifications are subject to change without notice.