

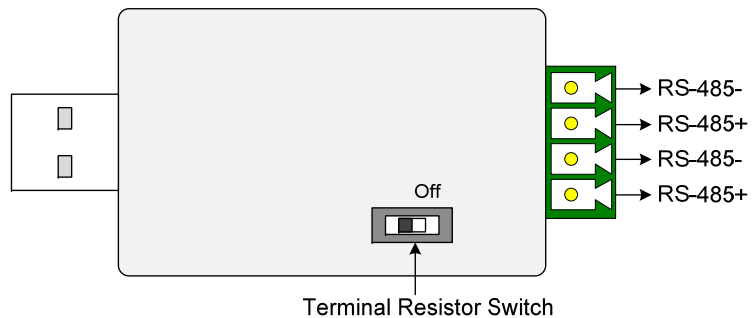
GV-COM V2

The GV-COM V2 adds one RS-485 port to your computer through a USB connector. The GV-COM V2 can convert the standard RS-232 signal, through USB connector, to RS-485 2-wire control for PTZ cameras, GV-Data Capture Box or any other RS-485 devices.

Packing List

- | | |
|--|--------------------------|
| 1. GV-COM V2 x 1 | 3. Installation CD x 1 |
| 2. USB Extension Cable x 1
(1.8 meters / 5.91 feet) | 4. Installation Guide x1 |

Overview

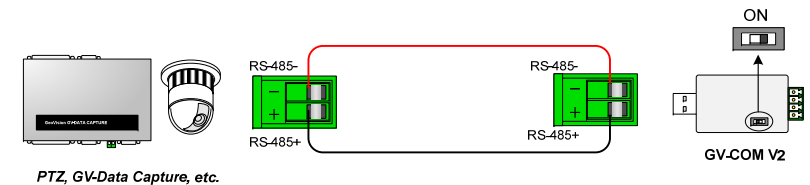


Note: The GV-COM V2 is only capable of converting one RS-485 signal. The RS-485 port on the GV-COM V2 is extended into two sets of connection points.

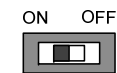
Extending Transmission over the Distance

When the transmission signals between the RS-485 communications become weak over the distance, switch on the Terminal Resistance Switch to maintain the signals.

The diagram below illustrates how to use the Terminal Resistance Switch to maintain the signals:



Terminal Resistance Switch



The default setting of the Switch is OFF. To switch on the Terminal Resistance Switch, push the switch to the **ON** position.

Installing Drivers

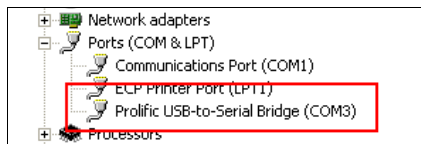
When you connect GV-COM V2 to the computer, the Found New Hardware Wizard will automatically detect the device. To install the drive, follow the steps to install the drivers.

1. Insert the installation CD to your computer.
2. Run **GvUsb.exe**.

- When this warning window appears, click **Continue Anyway**. The drivers are installed automatically.



To verify the drivers are installed correctly, go to **Device Manager** and expand the **Ports** field. You should see one entry for **Prolific USB-to-Serial Bridge**.



Specifications

OS Supported	32-bit	Windows XP / Vista / 7 / Server 2008
	64-bit	Windows 7 / Server 2008
Serial Interface	RS-485	Signal: RS485+, RS485-
		Connector: Terminal Resistance Switch (120Ω)
	Serial Line Protection	16 KV ESD for All Signals
USB	Compliance	USB 2.0 Backward Compatible
	Speed	Full speed 12 Mbps
Communication Parameters	Parity	None, Even, Odd
	Data Bit	7, 8
	Stop Bit	1, 2
	Flow Control	RTS/CTS, XON/XOFF
	Speed	600 bps to 115,200 bps
Environmental Conditions	0~55 Degree C / 32~131 Degree F 5%~95% (Non-Condensing)	
Dimensions (W x H x D)	68.5 x 33.5 x 16 mm / 2.7 x 1.32 x 0.63 in	
Note: When GV-COM V2 works with GV-Wiegand Capture, GV-COM V2 does not support 64-bit Windows versions currently.		

Ordering Information

84-GVCOM-200