DIGITAL**VIEW**®

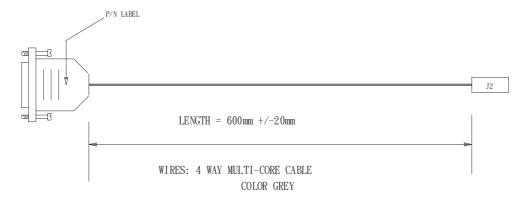## *Firmware upgrade procedure for U35 on SVH-1920/HE-1920 P/N 41696XX3X/-4X-3/-5X-3 version board*

Procedure :

The "GProbe5.1.0.16.exe" firmware upgrade program can be run under Windows XP platform. Please contact your local office to get the program.

Step 1 : Use RS-232 cable (suggest to use P/N 426090200-3). DB9 connector connect to serial port, and JST XHP-6 connector connect to CN8 on the controller board.
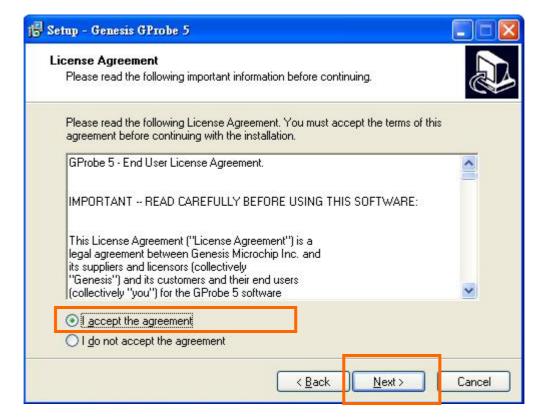
RS-232 cable P/N 426090200-3 drawing :
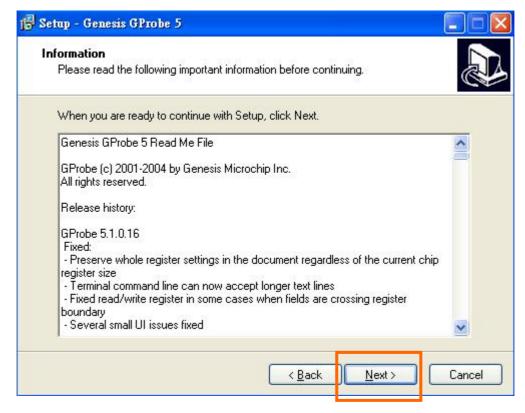

Step 2 : Install the "GProbe5.1.0.16.exe" firmware upgrade program in the computer, see step 3 – 9 in details.

Step 3 : Install the "GProbe5.1.0.16.exe" program – Click "Next"

Step 4 : Choose "I accept the agreement" and click "Next".
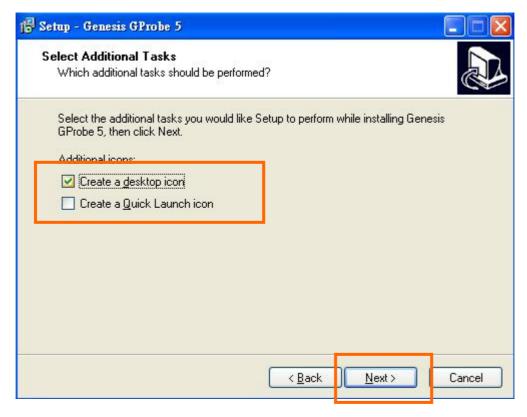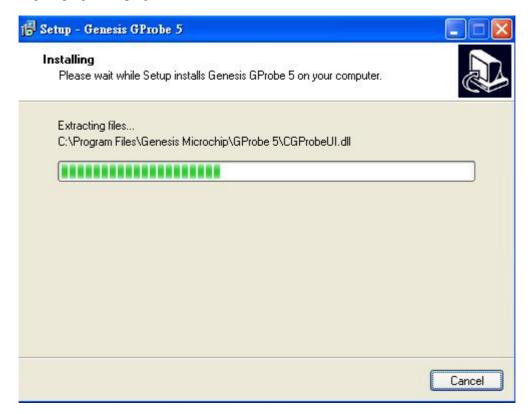
Step 5 : Click "Next"

Step 6 : Define the path and directory to be installed the program, then click "Next".

Step 7 : Select the additional tasks you would like to setup to perform while installing the program. Then click "Next"

Step 8 : Installing the program in progress.

Step 9 : Click "Finish" to finish the installing of GProbe program.
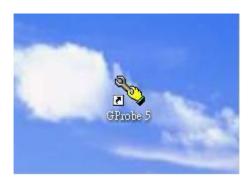
Step 10 :

(a) Short JP4 : 3-4 closed, see below

OR

(b) If you are using SVH/HE-1920 P/N P/N 41696XX3X-3 / 41696004X-3 / 41696005X-3 or up (Firmware version V0.21.00 or up), you can press and hold "MENU" button on the OSD switch mount and turn on the controller to enter the "Programming mode". (No need to do on step 10(a))
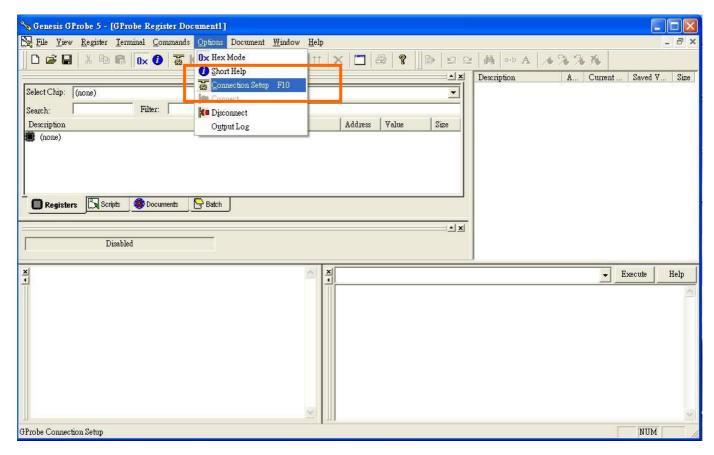
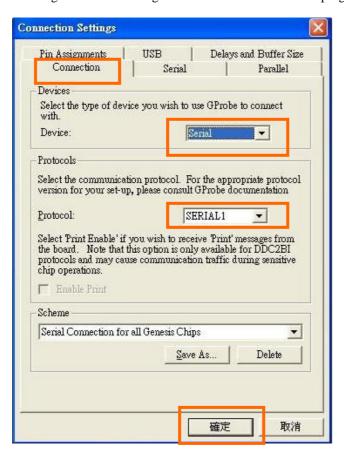"Programming mode" wordings will display on screen on the target programming board. (See below)

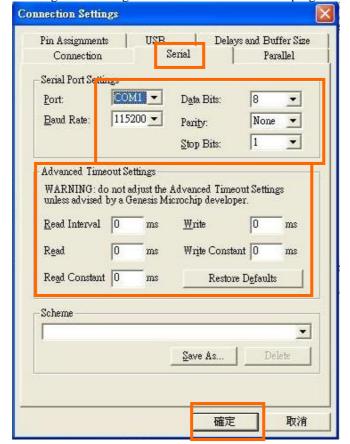**Step 11 :** After you successfully installed the GProbe program, please run the program.

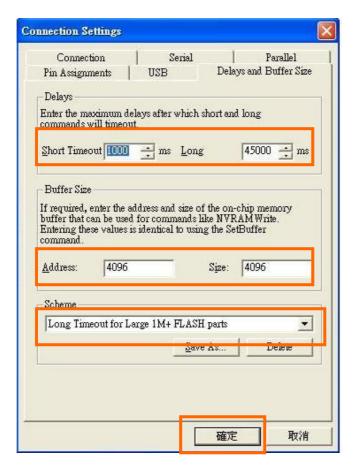**Step 12 :** Run the GProbe program. Choose "Options" → "Connection Setup"

Step 13 : Choose the matching connection settings for SVH/HE-1920 firmware programming, then click "confirm"

Step 14 : Choose the matching serial settings for SVH/HE-1920 firmware programming, then click "confirm"
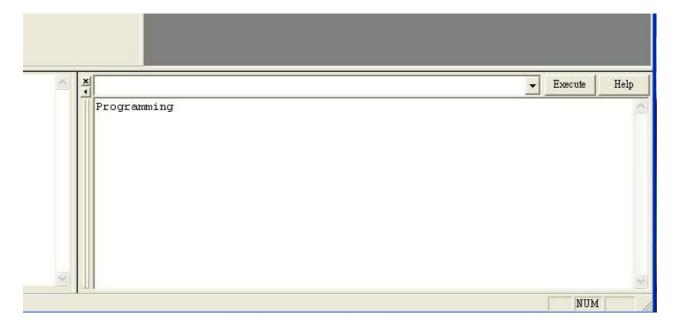
Step 15 : Choose the matching Delays and buffer size settings for SVH/HE-1920 firmware programming, then click "confirm"
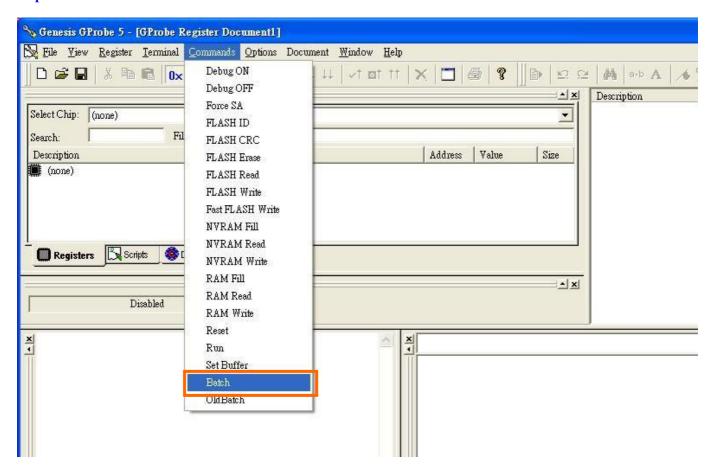

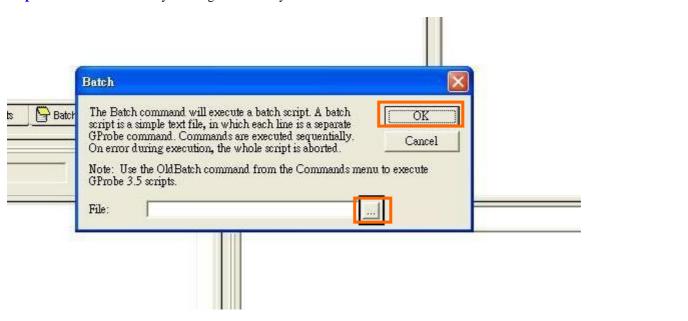**Step 16 :** Power on the SVH / HE-1920 controller.

Step 17 : "Programming" wording will be shown on the screen. See below :
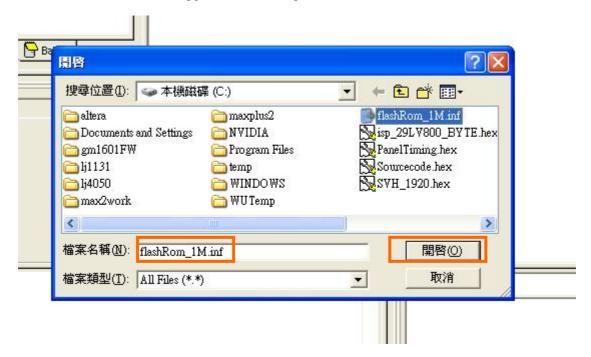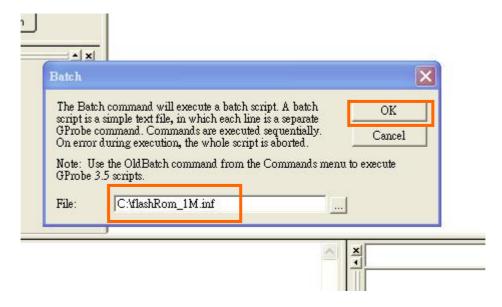
Step 18 : Choose "Commands" → "Batch"

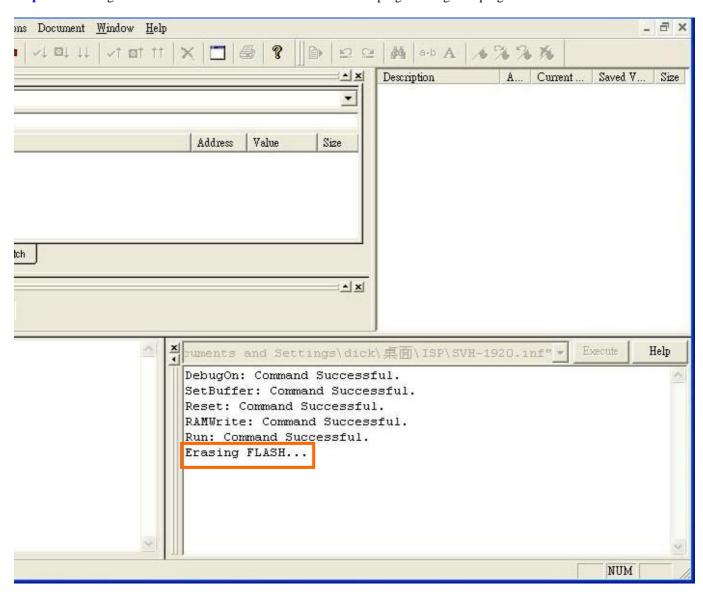**Step 19 :** Get the firmware by clicking the directory icon.

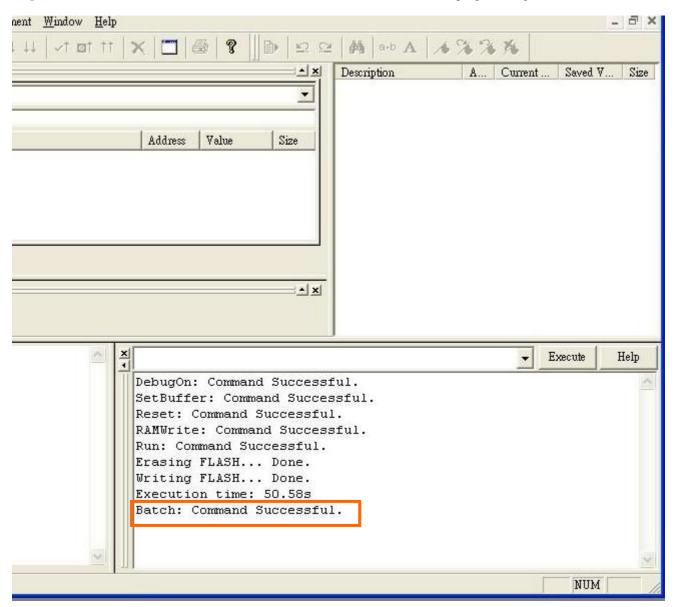**Step 20 :** Choose ".inf" file for firmware upgrade and click "Open"

Step 21 : Click "OK". Then it will automatically download the firmware into the controller.

Step 22 : "Erasing Flash" shows on the screen to indicate firmware programming is in progress.

Step 23 : "Batch: Command Successful" shows on the screen to indicate firmware programming is finished.

Step 24 : JP4 sets open if you followed step 10(a).

Step 25: Power off and then on the controller.

Step 26 : Perform the "Reset factory default" on the SVH/HE-1920 controller. And check the version display on the OSD menu is the same you have just programmed.

End.

Date : 5 Feb 2009.
Rev.05