

# *Appendix E*

## *FB200AS Driver Installation*

### *(Windows 8)*



*Version 1.0*

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## Revision History

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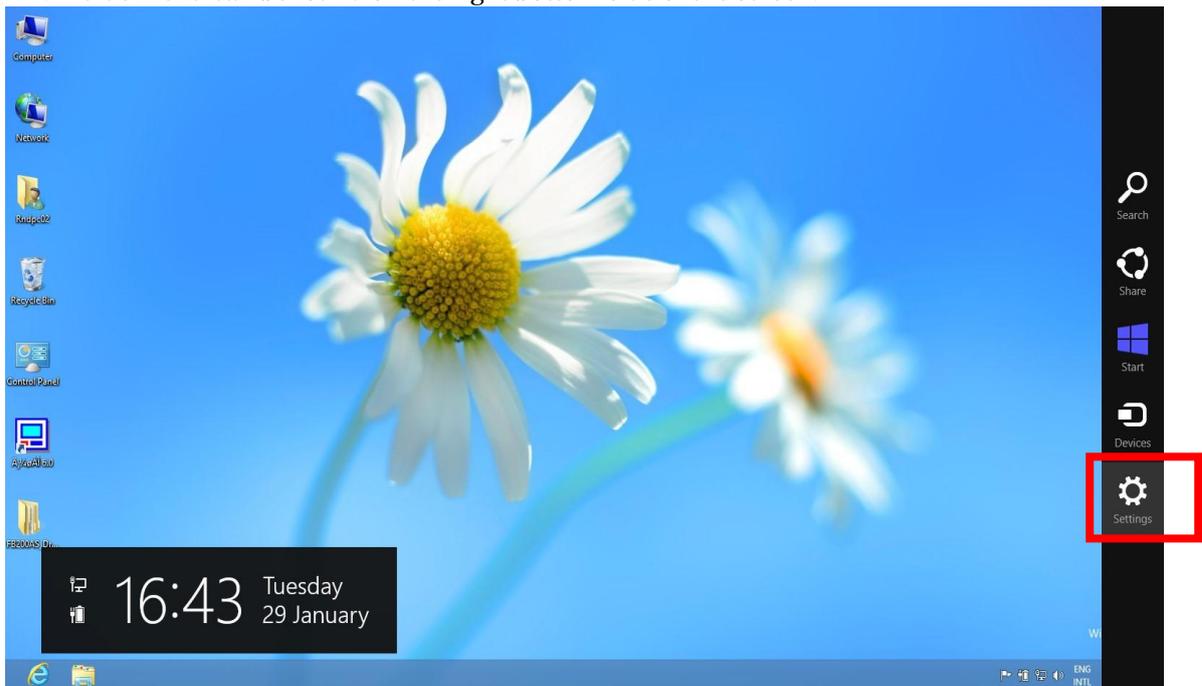
## 1 Configuration of Win 8 before installing FB200AS driver

Microsoft Windows 7 recommends users to install software or drivers with its digital signature. Those without digital signature, however, could be installed if users want (e.g. by pressing OK button two to three times, for instance, on the popped-up windows). But this is not possible with Windows 8 (Win 8), unfortunately. So we recommend the users of FB200AS follow steps below to install the provided driver (w/o digital signature) on Win 8.

**\*NOTE:**

To install FB200AS driver on Win 8, users **MUST download FB200AS driver on their PCs first**. FB200AS drivers are provided on CDs or can be downloaded from our website at [http://www.firmtech.co.kr/02download/main\\_eng.php?index=2#ou](http://www.firmtech.co.kr/02download/main_eng.php?index=2#ou).

1. Side menu can be found on the right bottom side of the screen.



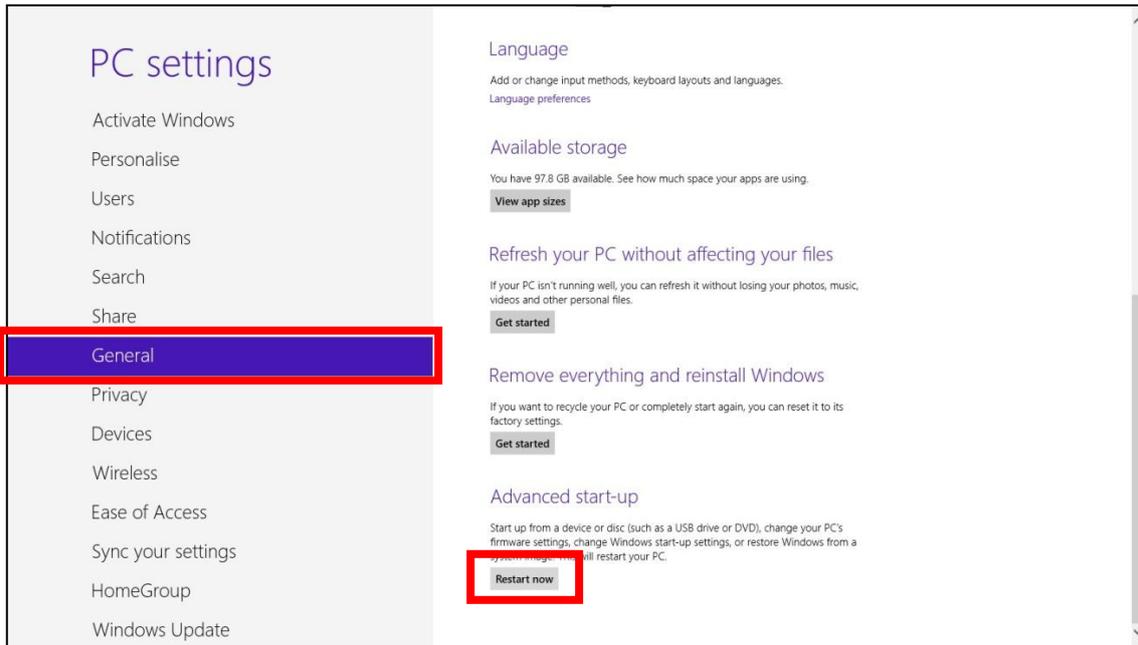
<Fig. 1-1>

2. Select **Settings** on the menu bar as in <Fig. 1-1>



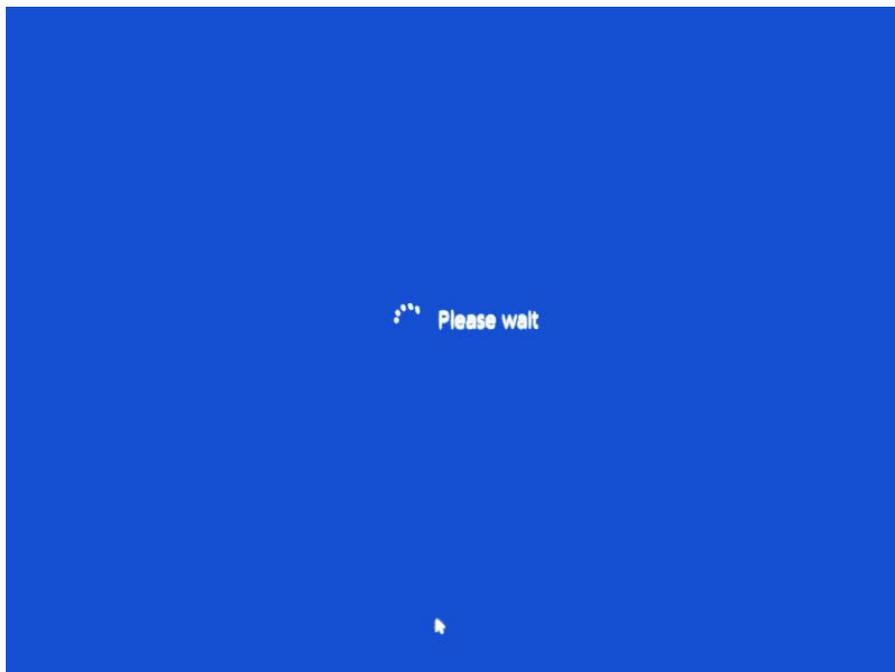
<Fig. 1-2>

3. <Fig. 1-2> 와 같은 메뉴가 나오면 “PC 설정 변경” 을 클릭합니다.



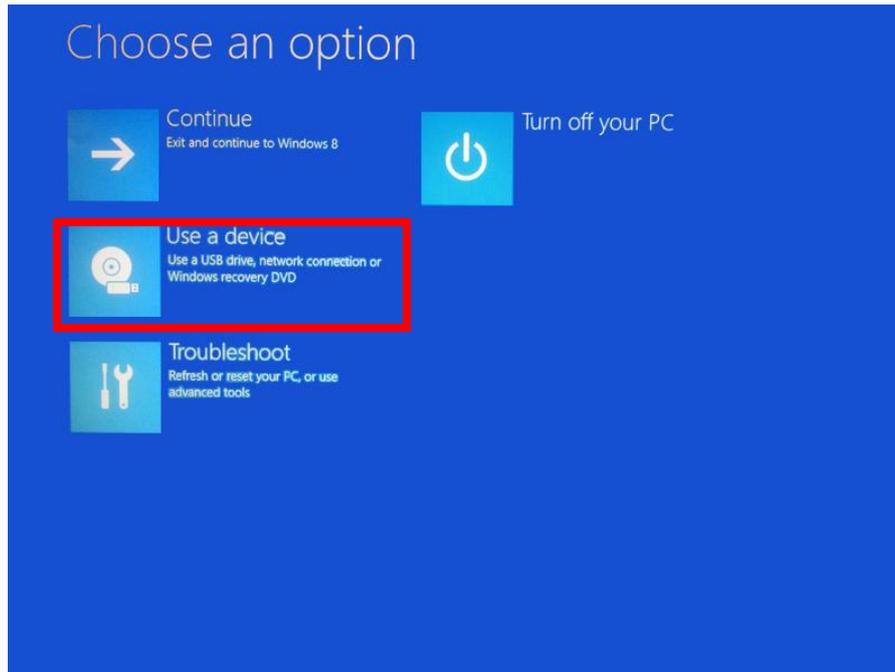
<Fig. 1-3>

4. Select **General** on the left menu as in <Fig. 1-3> and then select **Restart now** on the **Advanced start-up** option.



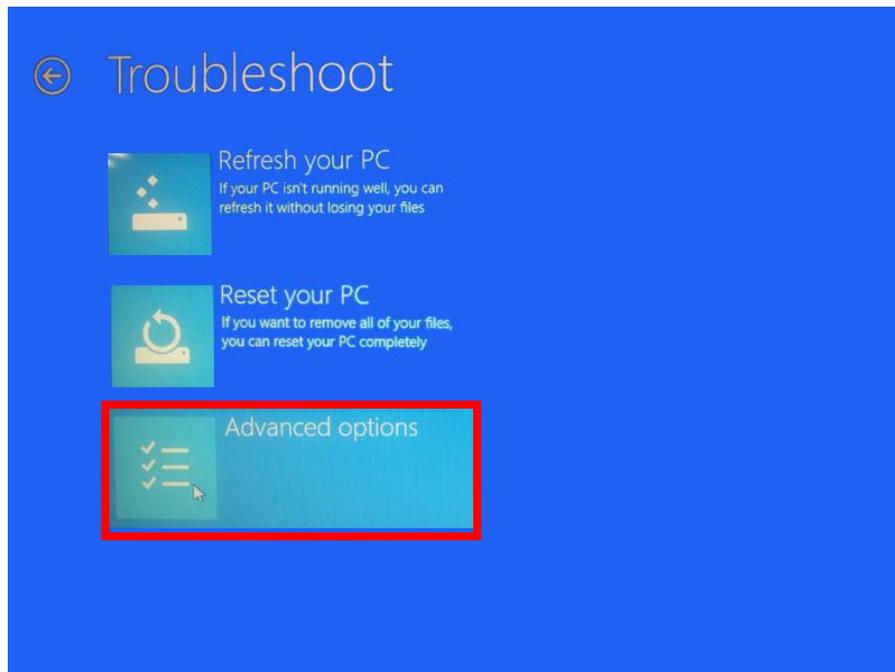
<Fig. 1-4>

5. Users will see *Please wait* message on the screen as in <Fig. 1-4>.



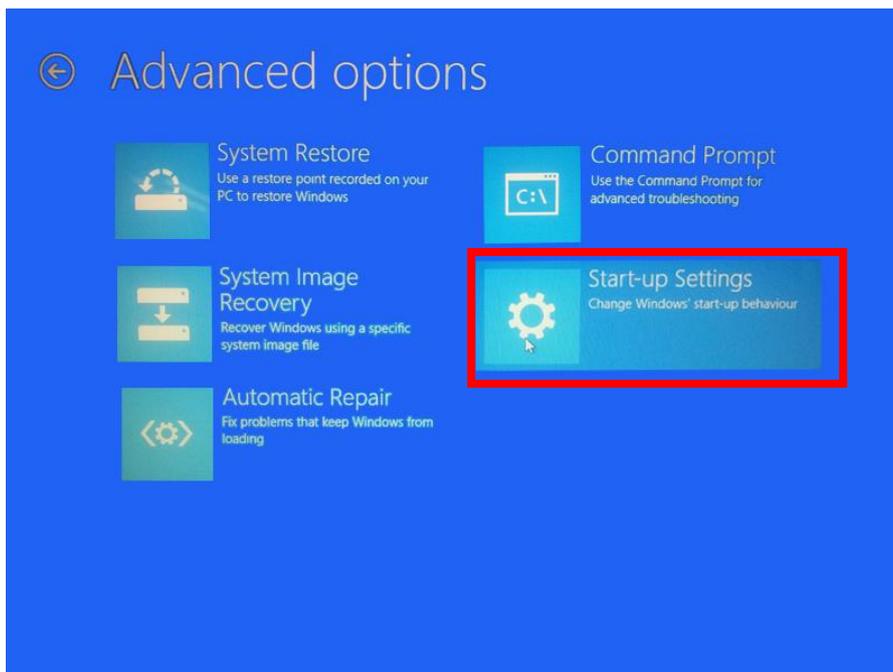
<Fig. 1-5>

6. Select **Use a device** option as in <Fig. 1-5>.



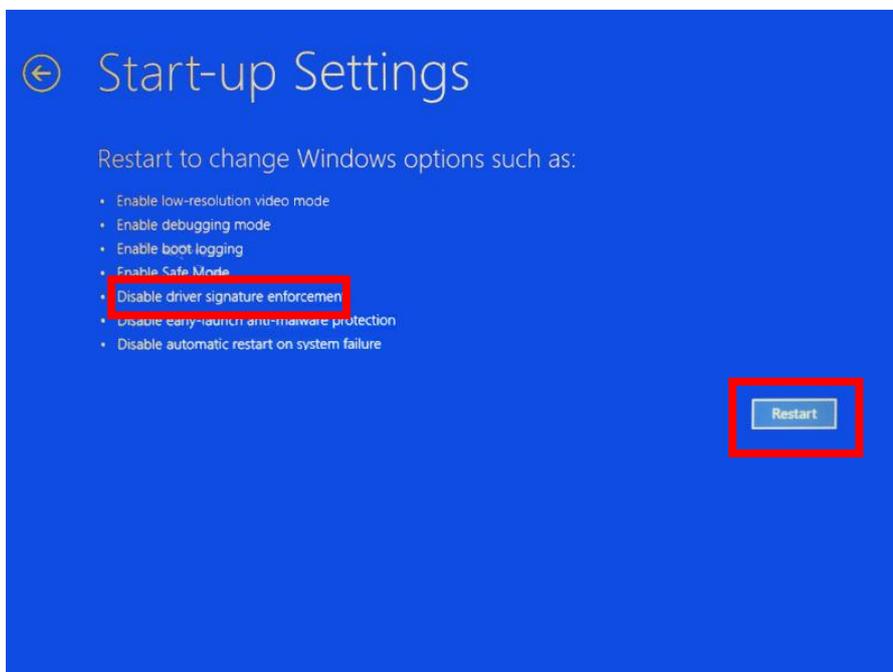
<Fig. 1-6>

7. Select **Advanced options** as in <Fig. 1-6> to move to the settings page.



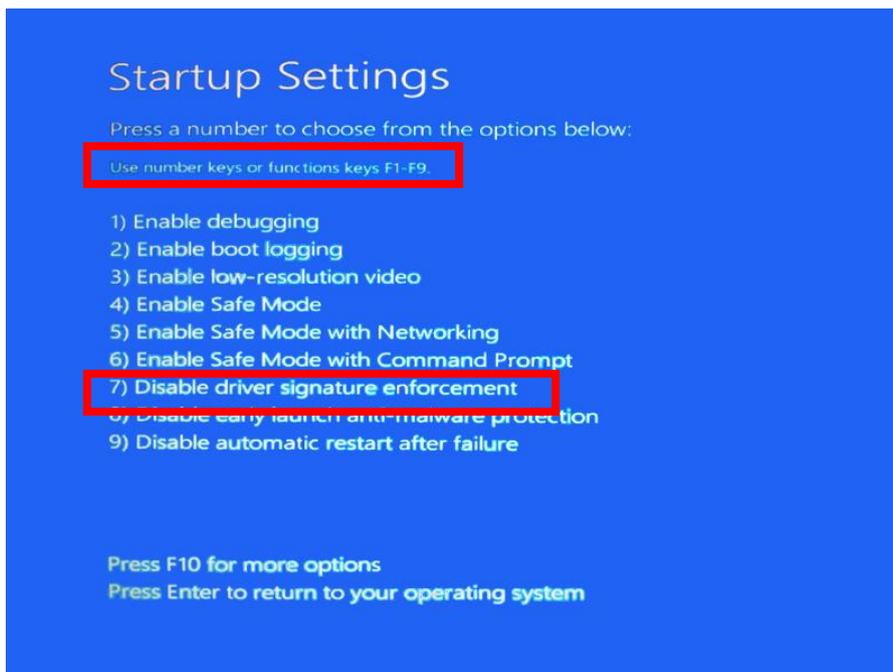
<Fig. 1-7>

8. Choose Start-up Settings on the screen as in <Fig. 1-7>.



<Fig. 1-8>

9. On the screen as in <Fig. 1-8>, please press **Restart** button



<Fig. 1-9>

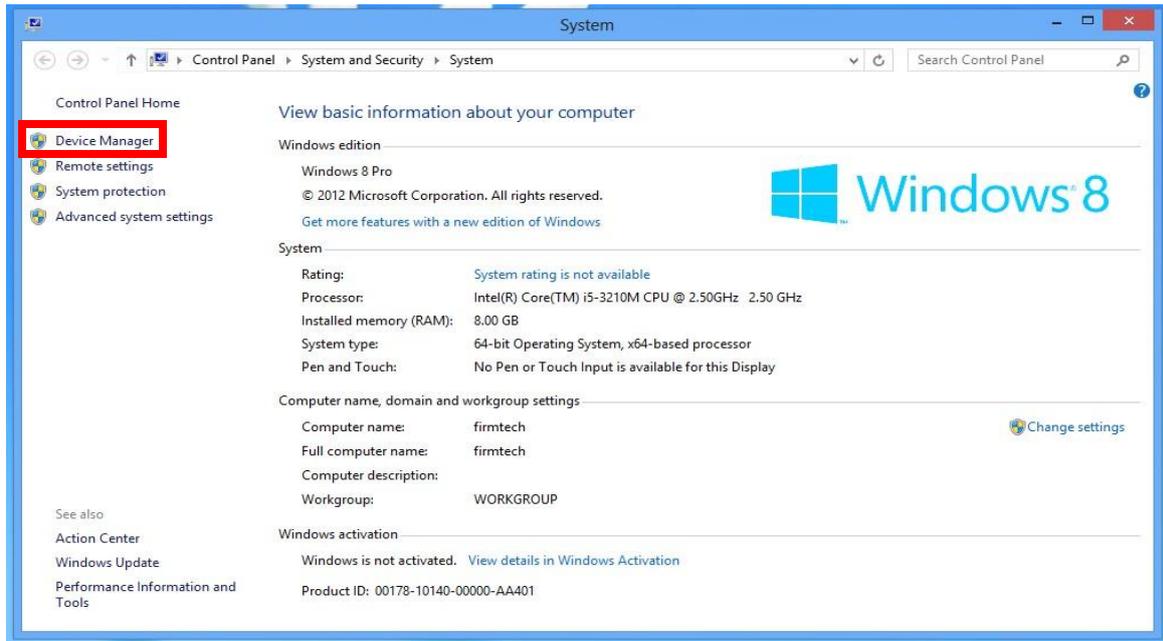
10. After restarting your computer, move to **Start-up Settings** screen again as in <Fig. 1-9> and choose **7) Disable driver signature enforcement** among nine options to finish the required configuration.



<Fig. 1-10>

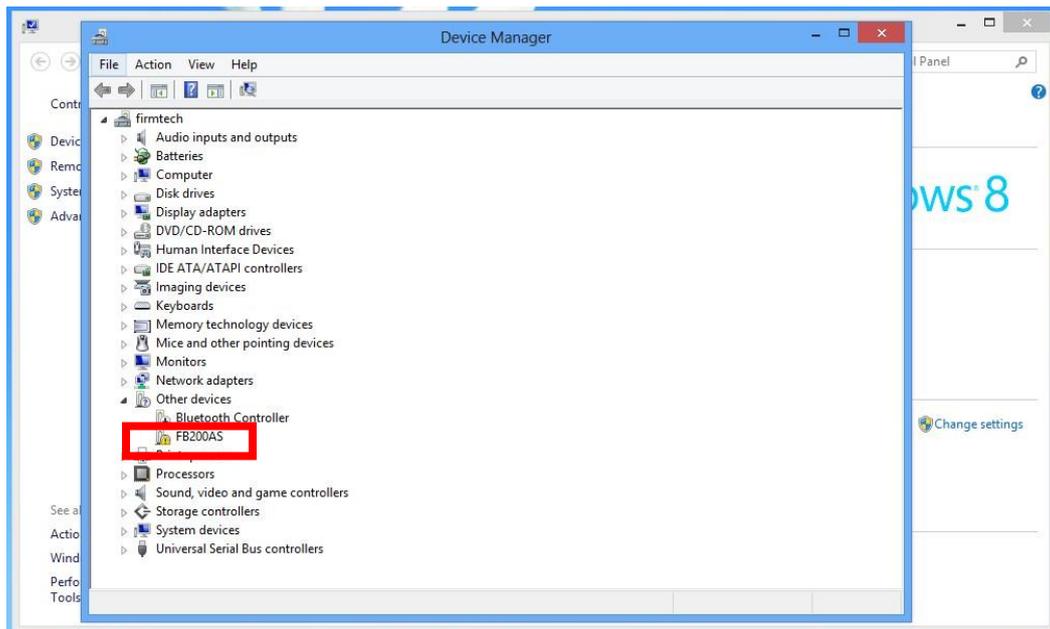
11. Reboot your computer. On the screen as in <Fig. 1-10>, select **Desktop**.

## 2 Installation of FB200AS driver on Win 8



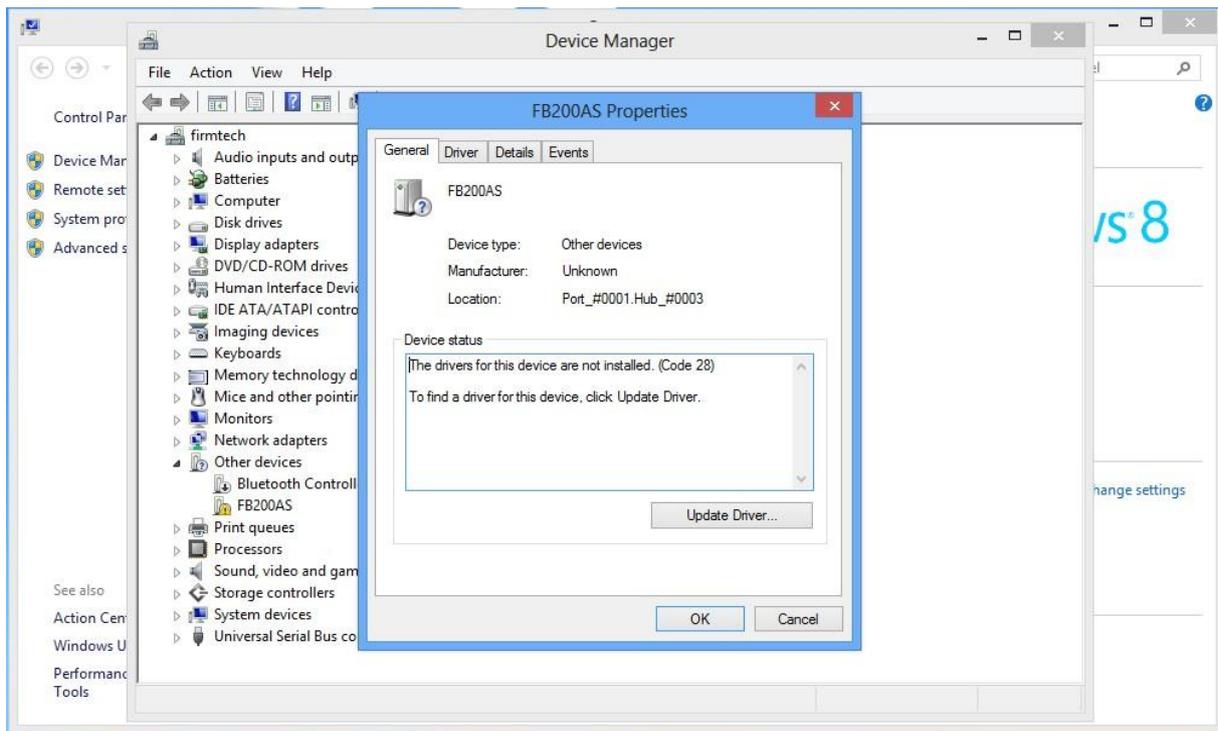
<Fig. 1-11>

1. Select **My Computer** on the screen and click right button of your mouse to choose **Configuration**. System window will appear as in Fig. 1-11. Select **Device Manager**.



<Fig. 1-12>

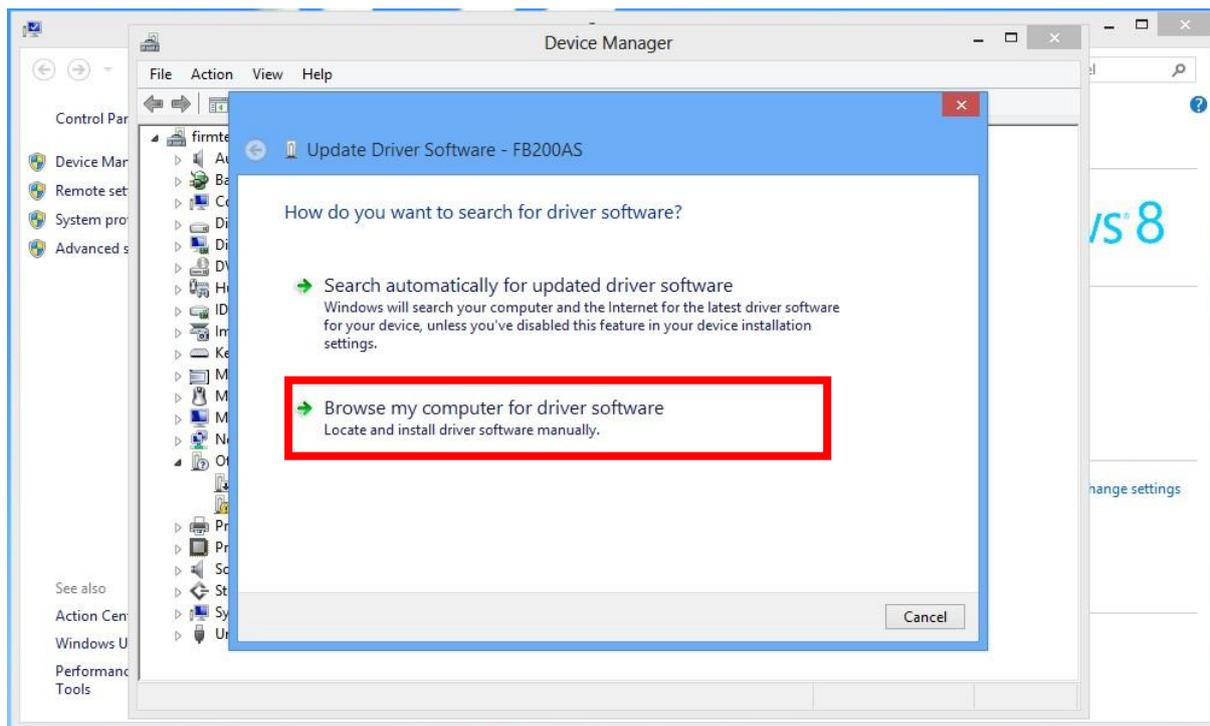
2. As in <Fig. 1-12>, FB200AS driver is classified as **Other devices** as the necessary driver has not been installed. Double click FB200AS to see **Properties** to manually install the driver.



<Fig. 1-13>

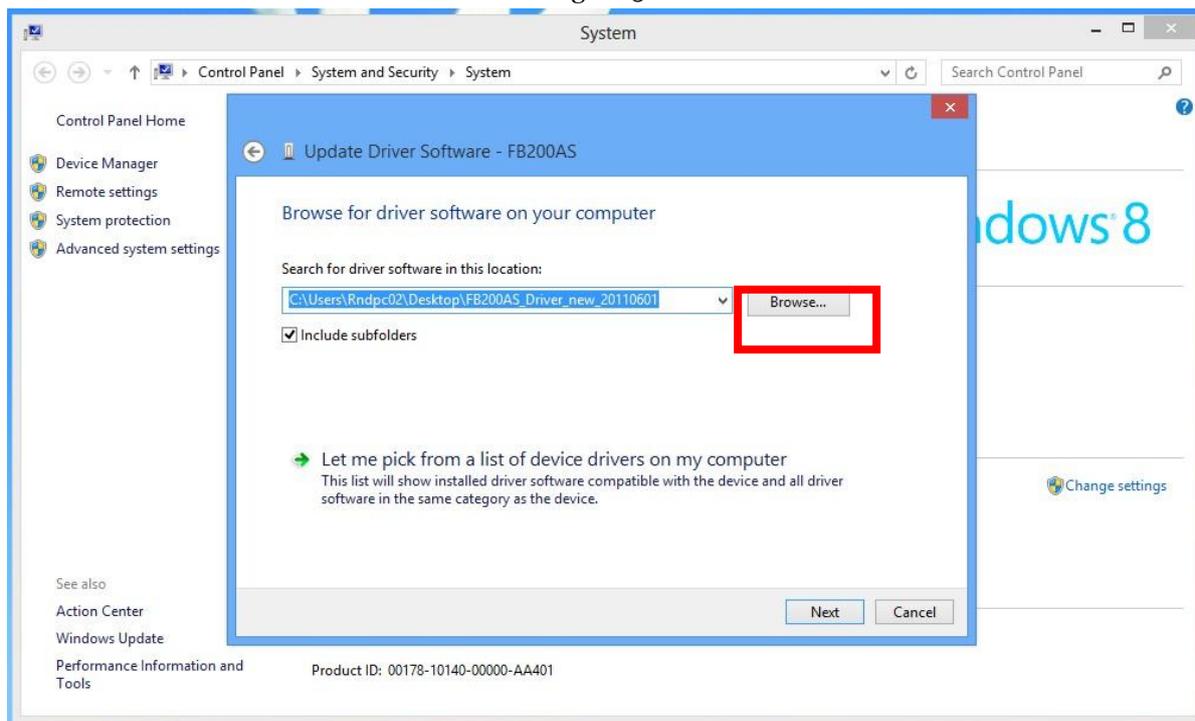
3. Press **Update Driver** button as in <Fig. 1-13> to manually install the required driver.

<Fig. 1-14>

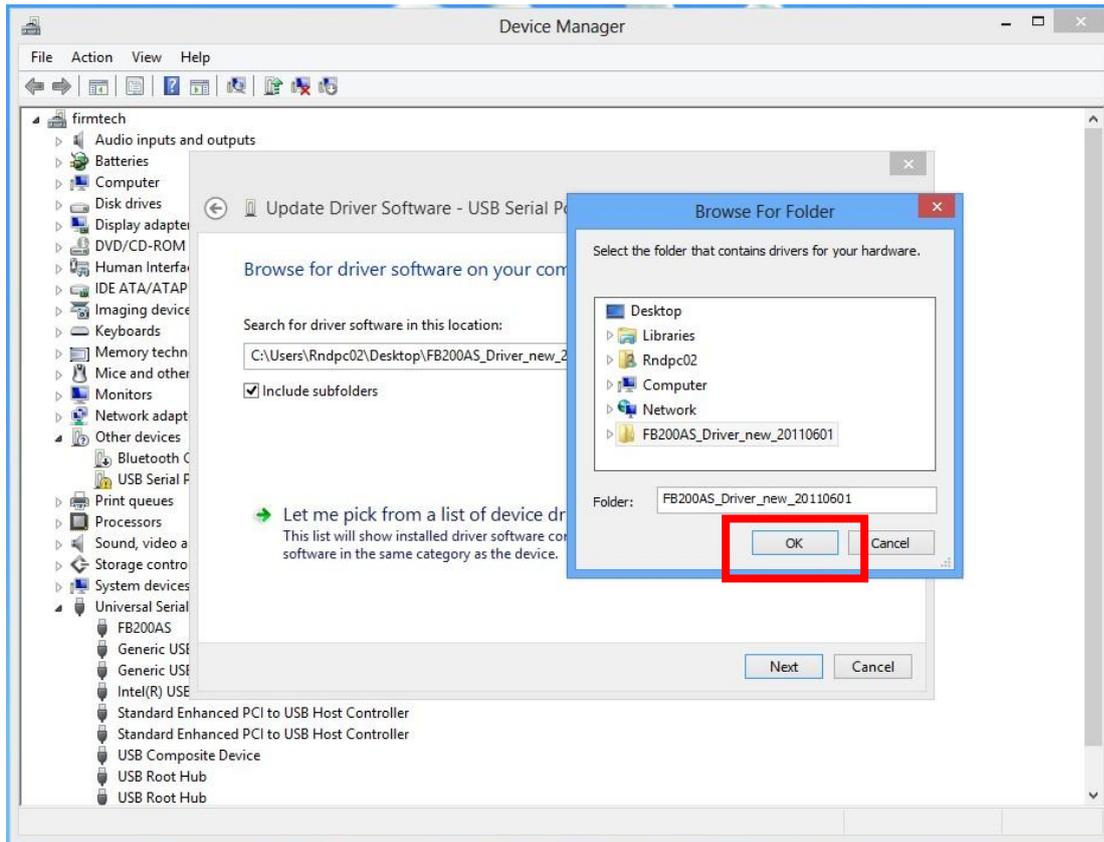


4. Select **Browse my computer for driver software** on the screen in <Fig. 1-14>.

<Fig. 1-15>

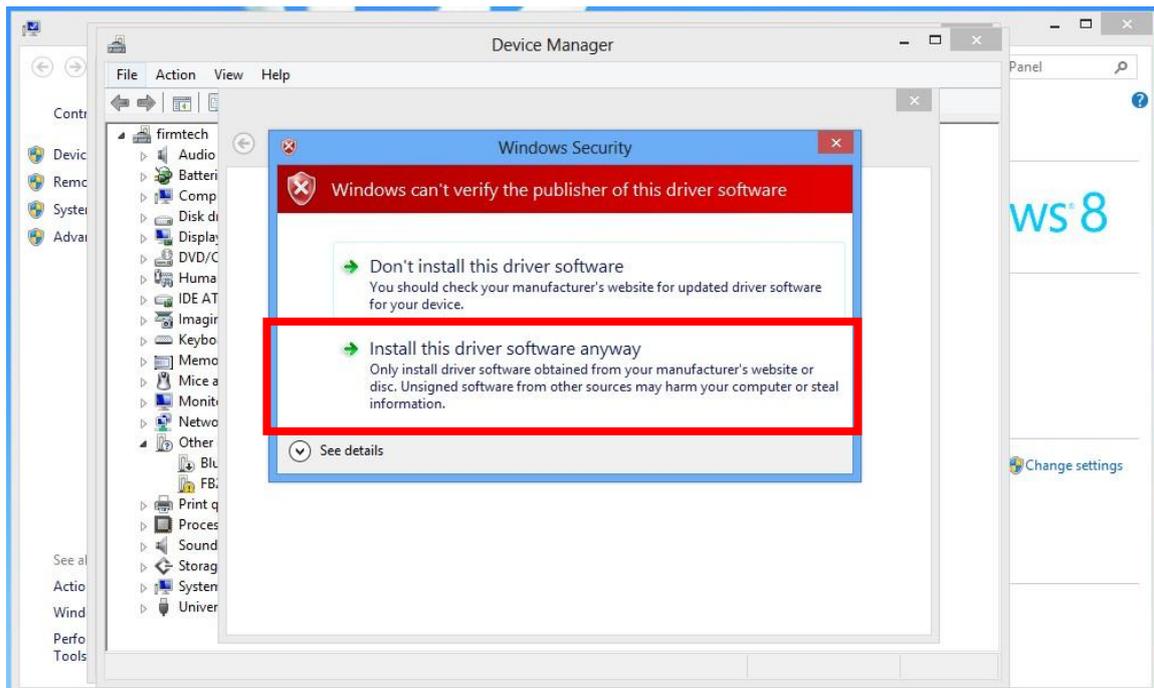


5. Click **Browse** button in <Fig. 1-15>.



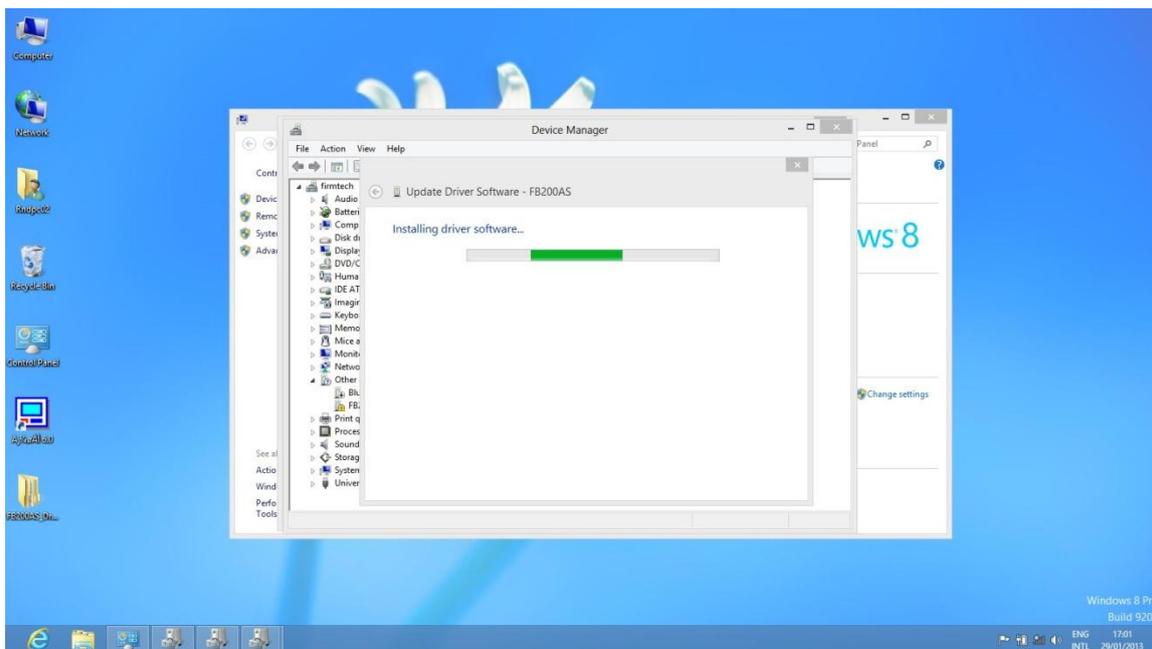
<Fig. 1-16>

6. Browse and select the driver provided for FB200AS as in <Fig. 1-16> and press OK button.



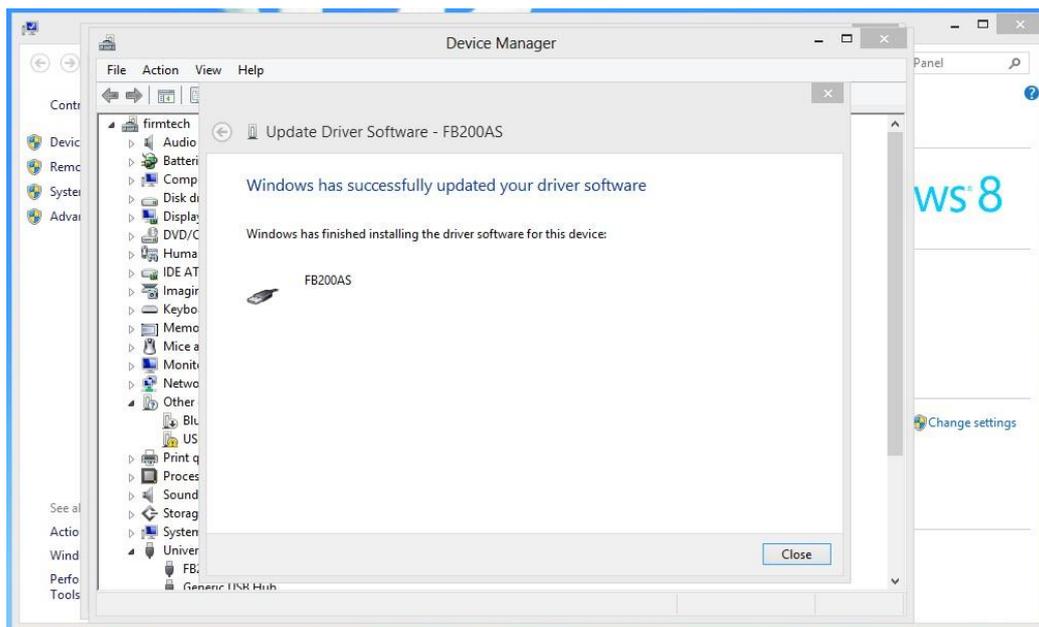
<Fig. 1-17>

7. While installing the driver, if you are faced with Windows Security pop-up window as in <Fig. 1-17>, choose **“Install this driver software anyway”** to continue installation.



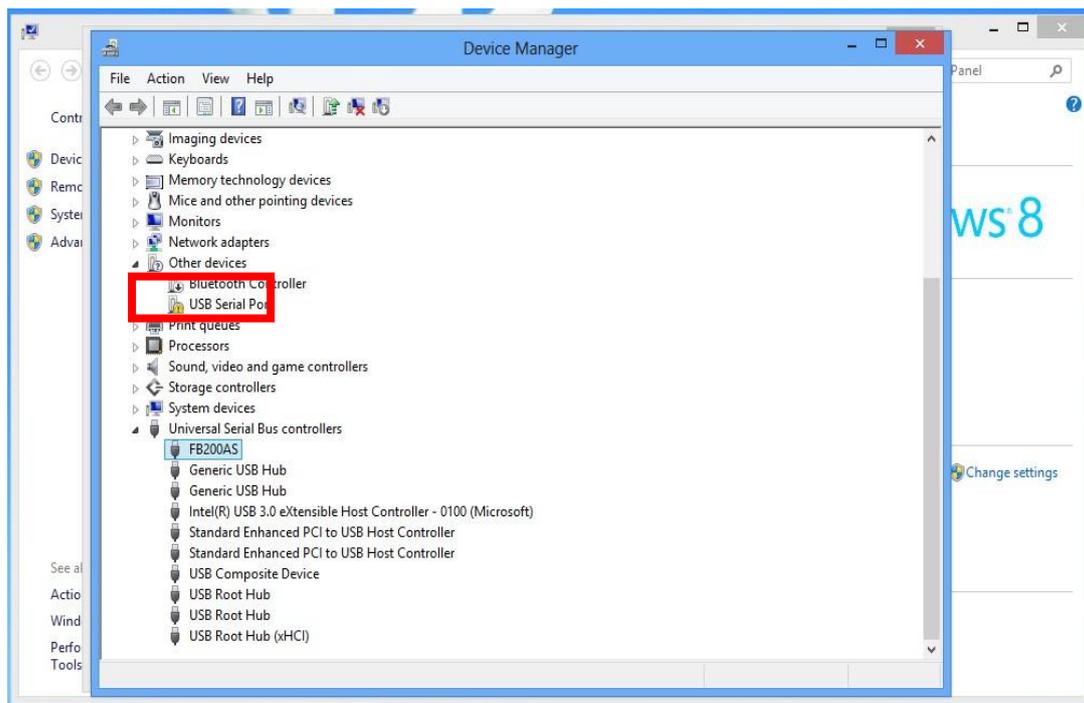
<Fig. 1-18>

8. If you have chosen the right location of the driver of FB200AS stored, installation will proceed as in <Fig. 1-18>.



<Fig. 1-19>

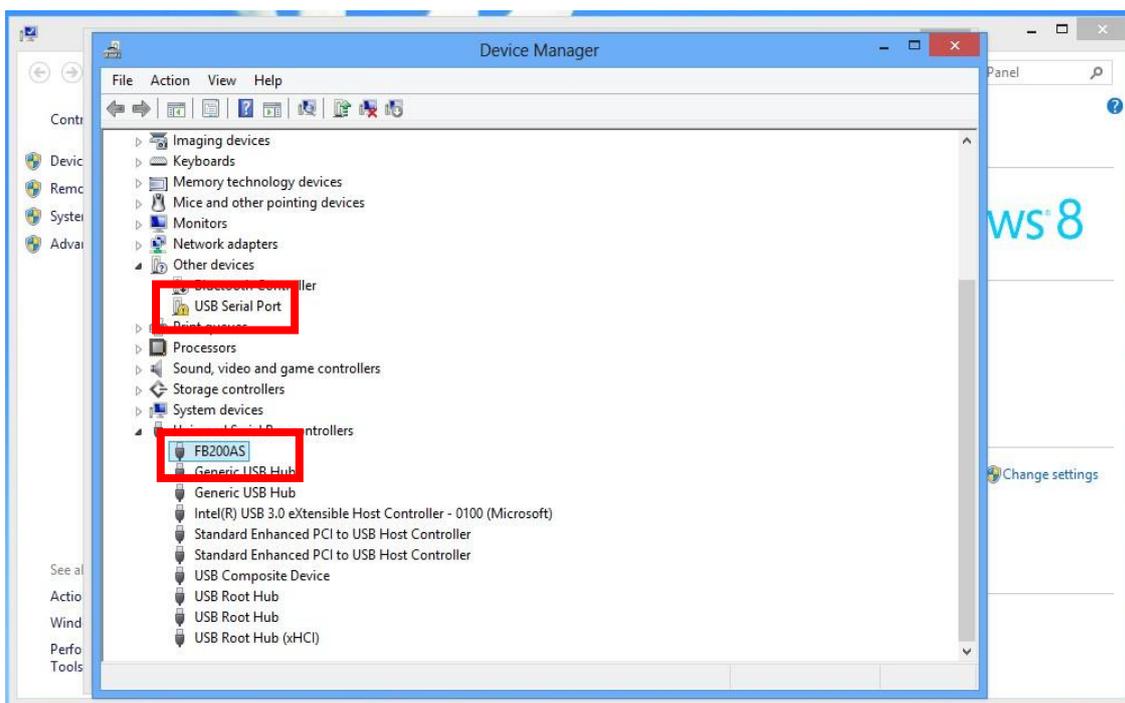
9. After the installation of FB200AS driver, a screen in <Fig. 1-19> will appear on your screen.



<Fig. 1-20>

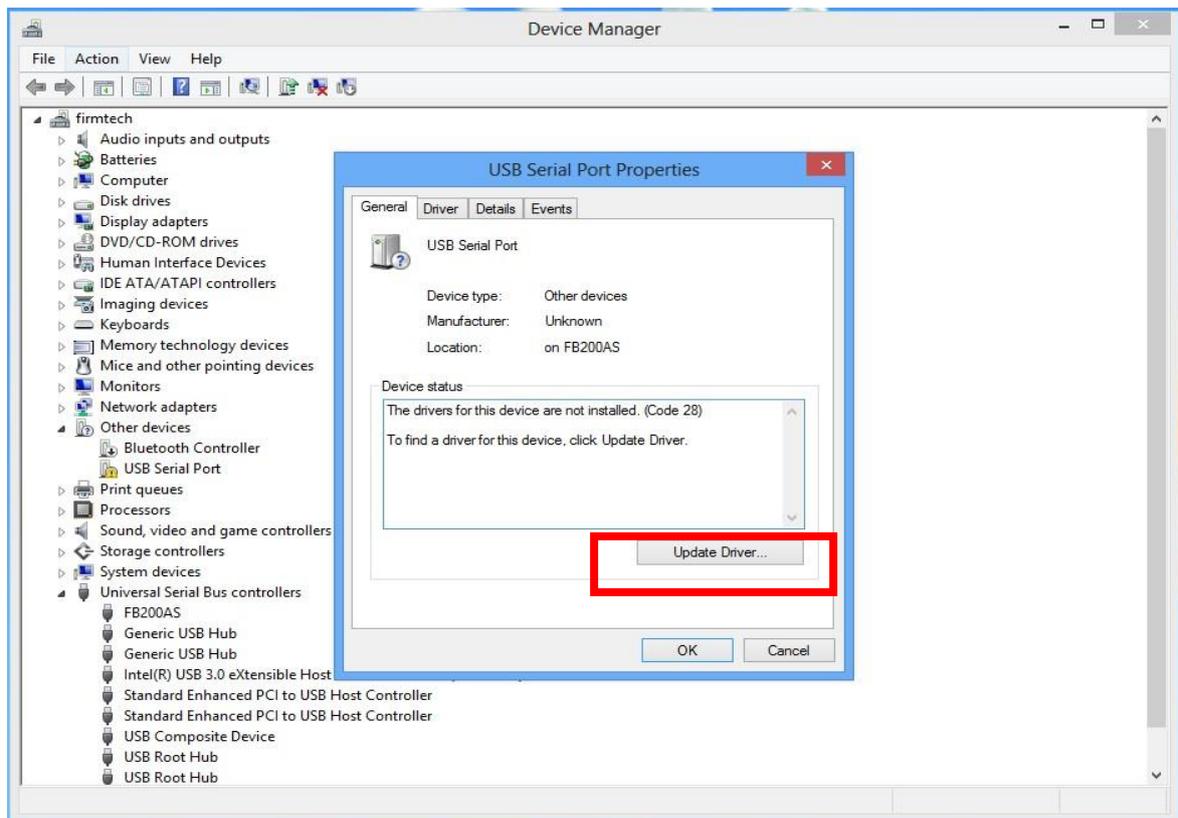
10. In <Fig. 1-20>, you will be able to check the installed driver of FB200AS.

**\* Unlike Windows XP/7, Windows 8 does not ask users to install USB serial port driver. Therefore, USB driver should be installed manually by users additionally as follows:**



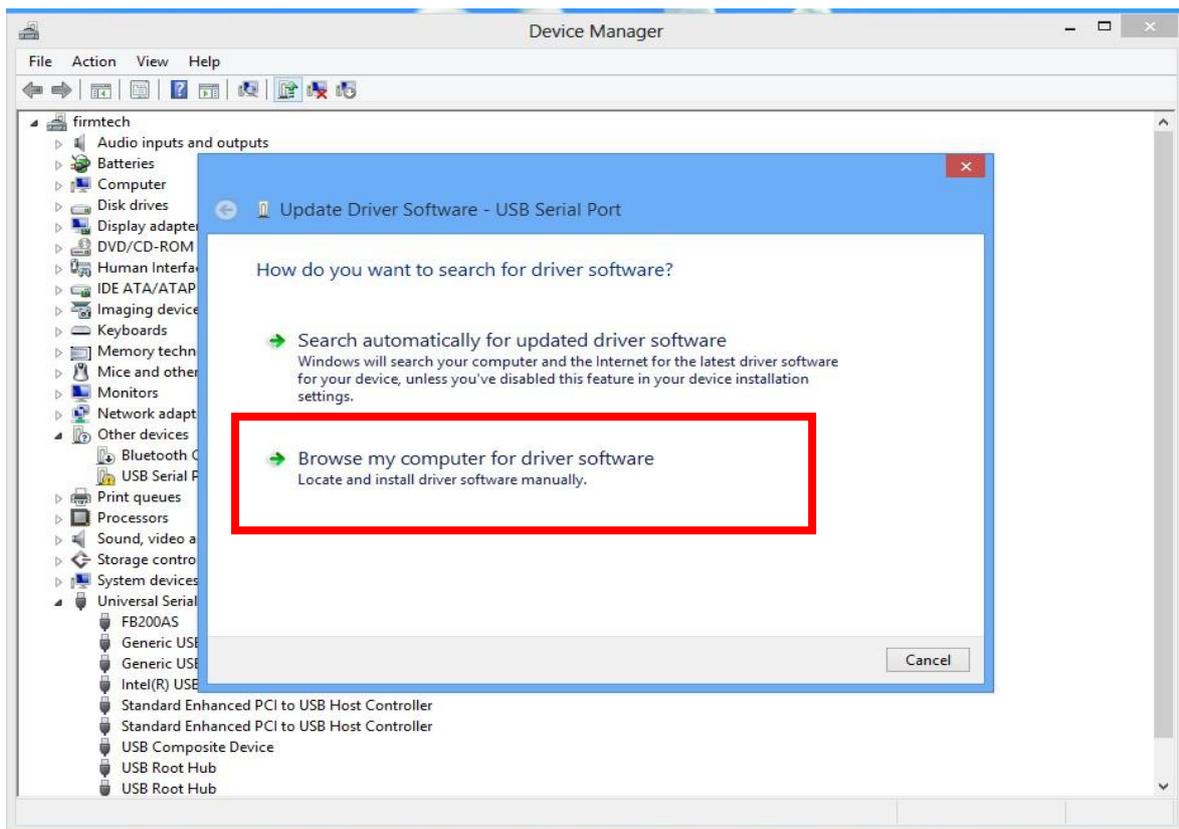
<Fig. 1-21>

11. In <Fig. 1-21>, you can see FB200AS on the list but USB serial port has not been installed. Users should install the USB driver now.



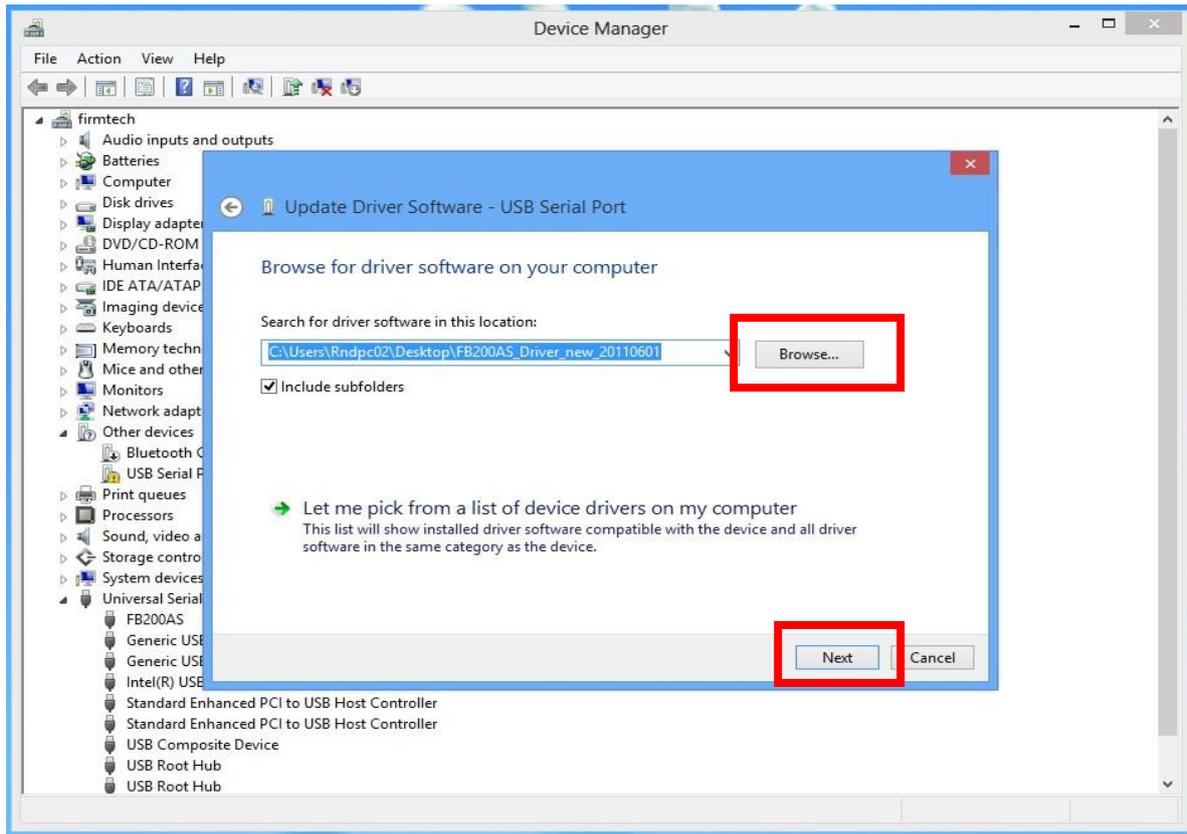
<Fig. 1-22>

12. Select **USB serial port** of your **Device Manager** and right click of your mouse to open **Properties**. Please choose **Update Driver** button as in <Fig. 1-22>.



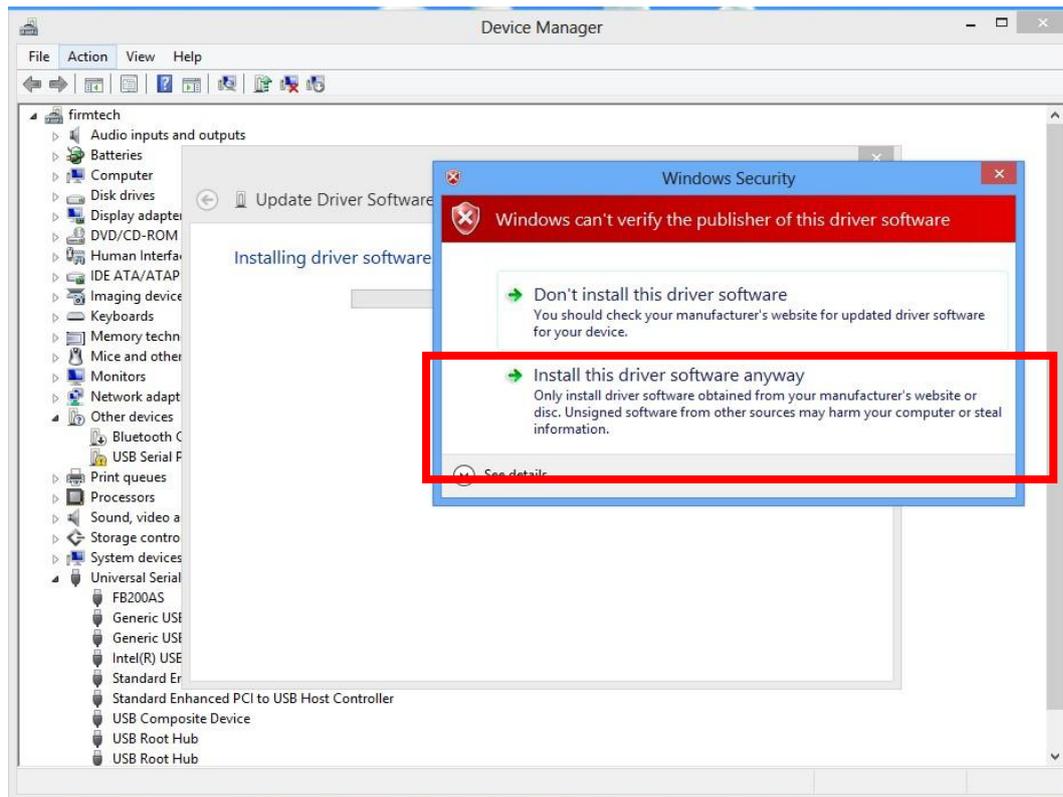
<Fig. 1-23>

13. Choose “**Browse my computer for driver software**” as in <Fig. 1-23>.



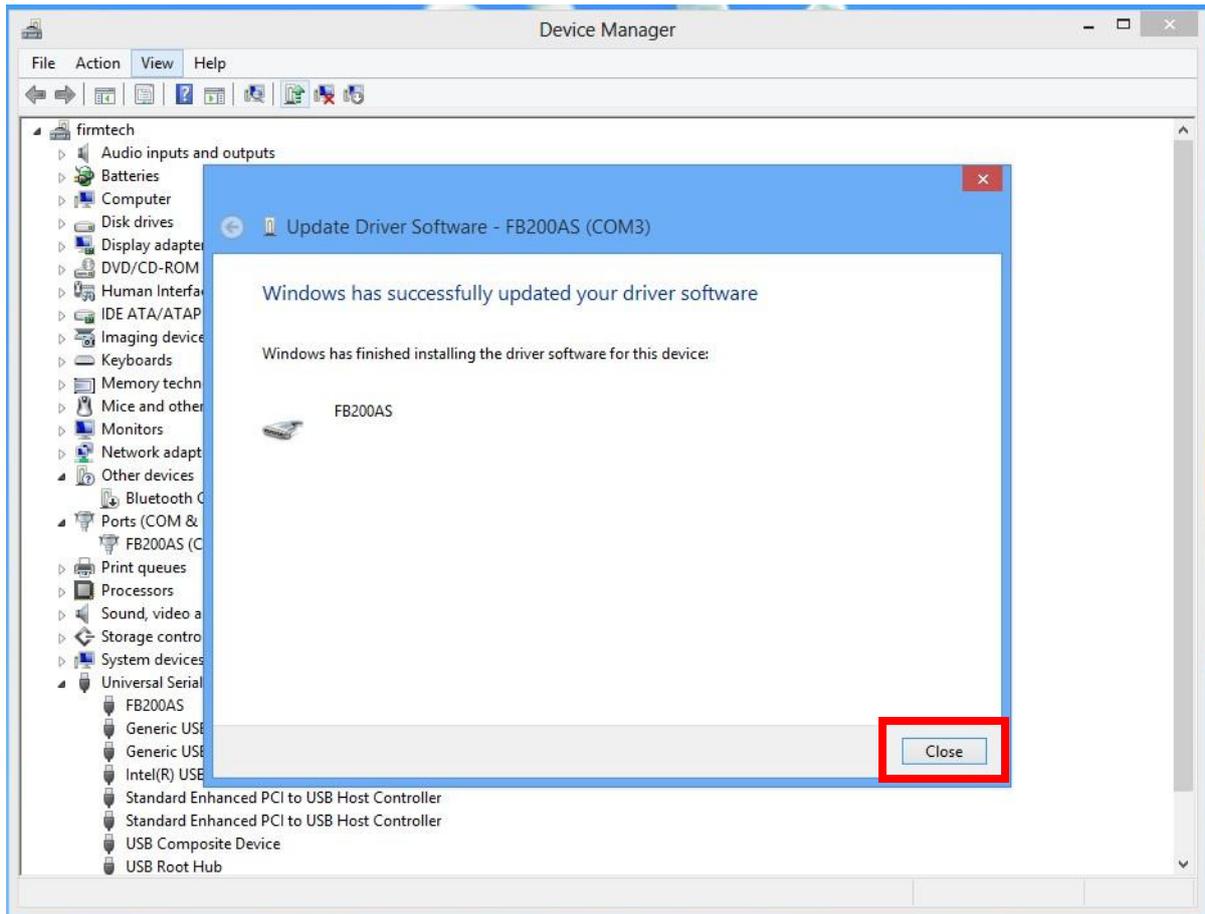
<Fig. 1-24>

14. Select the folder where FB200AS driver is stored by clicking **Browse** button in <Fig. 1-24>. Press **Next** button.



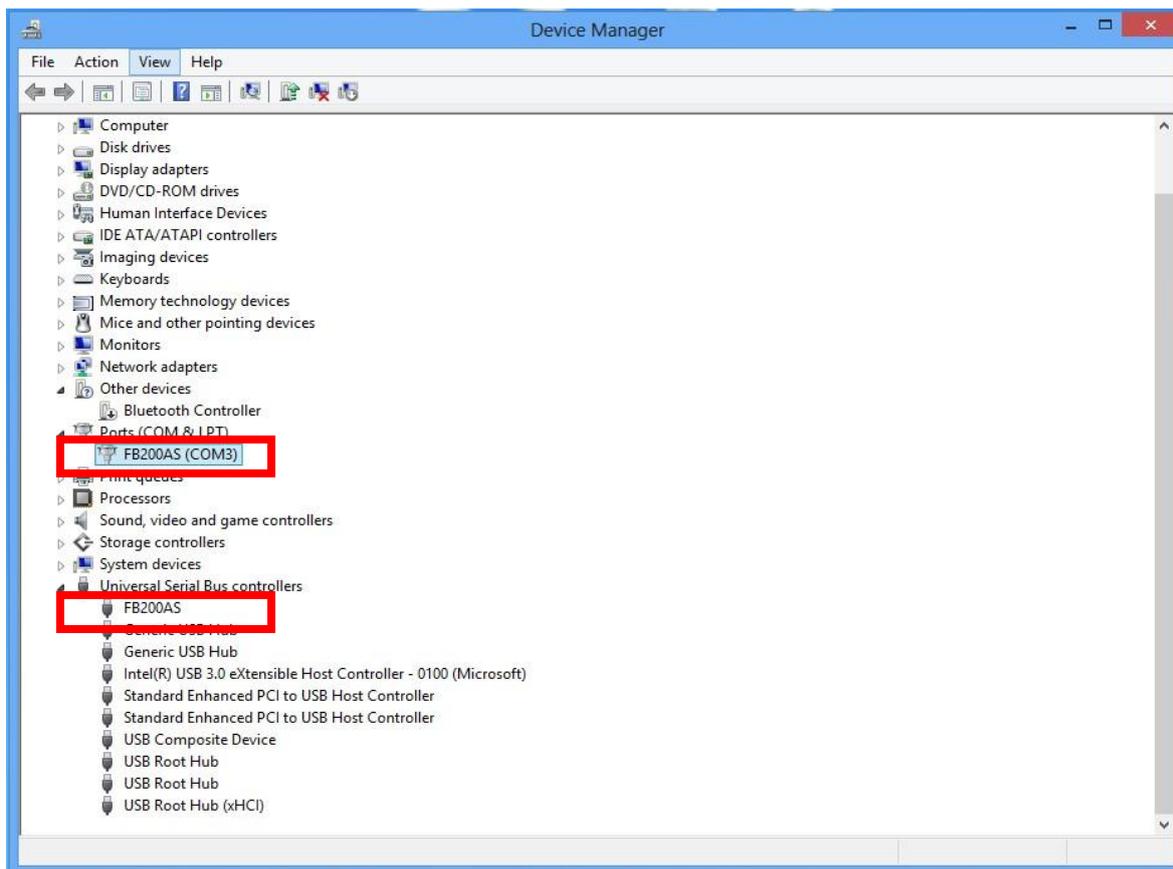
<Fig. 1-25>

15. While installing the driver, if you are faced with Windows Security pop-up window as in <Fig. 1-25>, choose “**Install this driver software anyway**” to continue installation.



<Fig. 1-26>

16. After you finish installing USB serial port driver, you will see a window as in <Fig. 1-26>. Press **Close** button.



<Fig. 1-27>

17. Now, after successful installations of FB200AS driver and USB driver, *FB200AS* under **Universal Serial Bus controllers**, and *FB200AS (COM3)* under **Ports (COM&LPT)**.

**\*COM port number can vary depending on individual PC environment.**