

INSTALLATION MANUAL

Utility Software for FSM-60S/60R/18S/18R

FSM Data Connection

**Please read this installation manual
carefully before installation.**





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1 Introduction

FSM Data Connection (“FSMDC”) is the software included in the package of FSM-60S/60R/18S/18R; the splicer series manufactured by Fujikura.

Read this installation manual before installing FSMDC.

2 System Requirements

Computer and processor	1.6 gigahertz(GHz) processor or higher (In case Core™2Duo, Intel Corp)
Operating System	Microsoft Windows XP SP3 (32bit) Microsoft Windows Vista SP2 (32bit) Microsoft Windows 7 (32bit) *The operating system must be updated by latest update
Memory	512MB (Windows XP SP2 or SP3) 2GB (Windows Vista SP2) 4GB (Windows 7)
Hard Disk	100MB available space
Drive	CD-ROM or DVD drive
Display	1024x768, or higher resolution 24bit, or higher color
Other	USB 2.0 Port Capable of Internet Access, 56kbps or higher Broadband access is recommended

3 Install

3.1 STEP 1 : Before Starting Installation

Log in to your computer using an account with administrator privilege.

Administrator privilege is required when installing the software. If you do not have an account which has administrator privilege, ask the supervisor of the PC for installation.

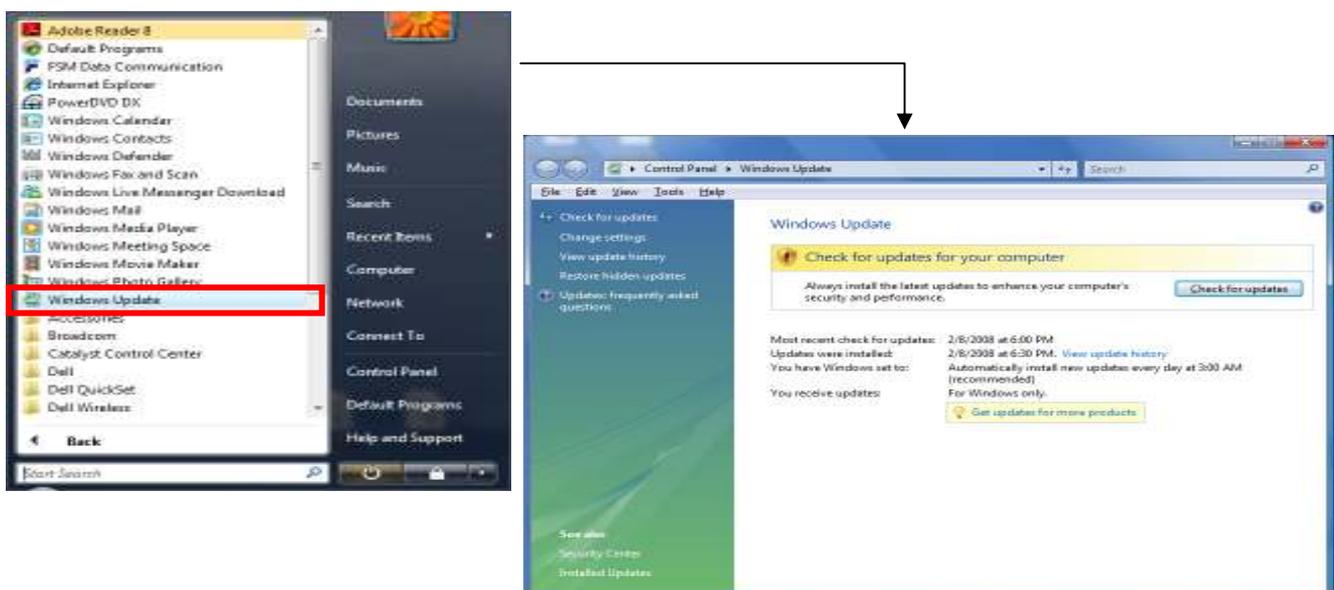
Exit all programs running on the PC

Exit all programs running on the PC. Some programs may prevent installation.

Perform Windows Update or Microsoft Update

Operating System must be updated by latest update. Perform Windows Update or Microsoft Update before starting installation. To go to Windows Update or Microsoft Update, select [Start] → [All Programs] → [Windows Update] or [Microsoft Update].

Internet connection is necessary in order to perform Windows Update or Microsoft Update.



3.2 STEP 2 : Installation

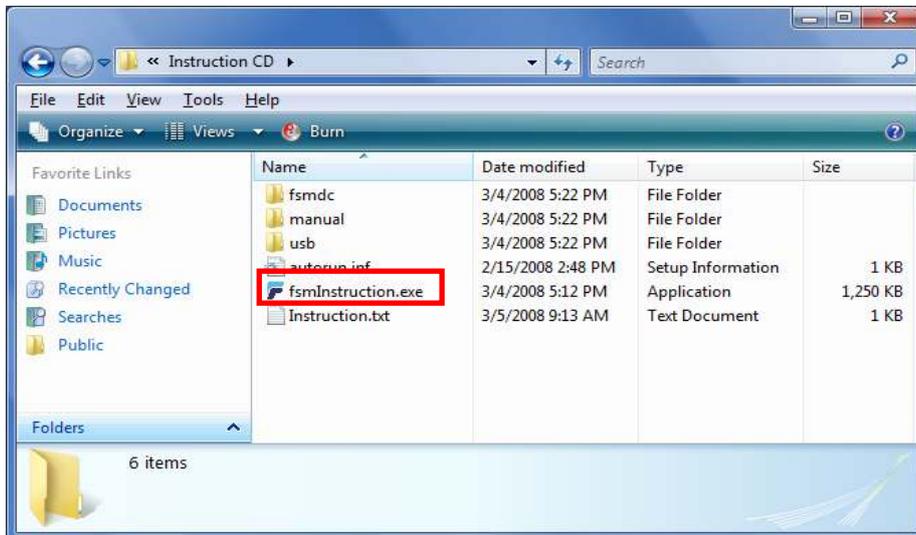


Do not connect USB cable before completing installation.



Log on to PC by an account with administrator privilege for installation.

- (1) Confirm that USB cable is not connected.
- (2) Insert the instruction CD into CD-ROM or DVD drive.
- (3) After a few seconds, an instruction menu will appear automatically.
If the menu does not appear, run "fsmInstruction.exe" which is in the root of the CD drive.



- (4) Click [Load FSM Data Connection Software] button.

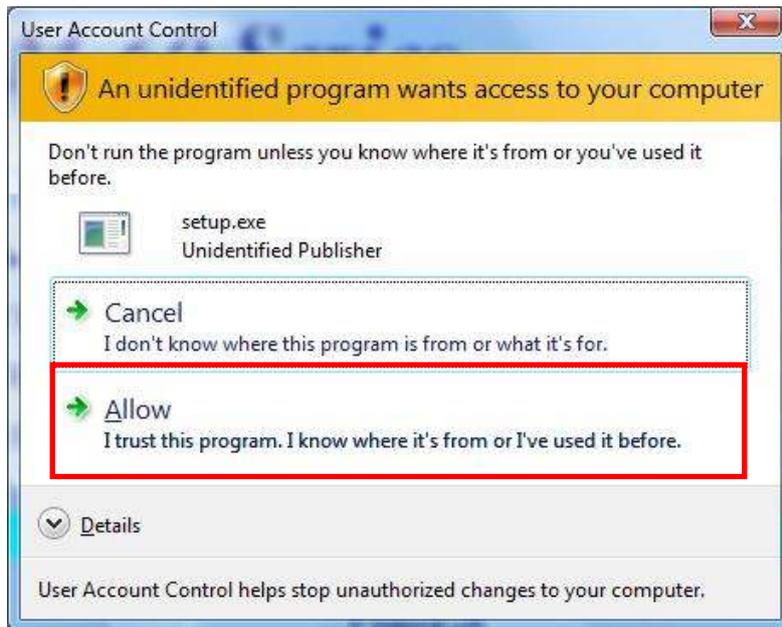


“User Account Control” window may appear during operations for installation.

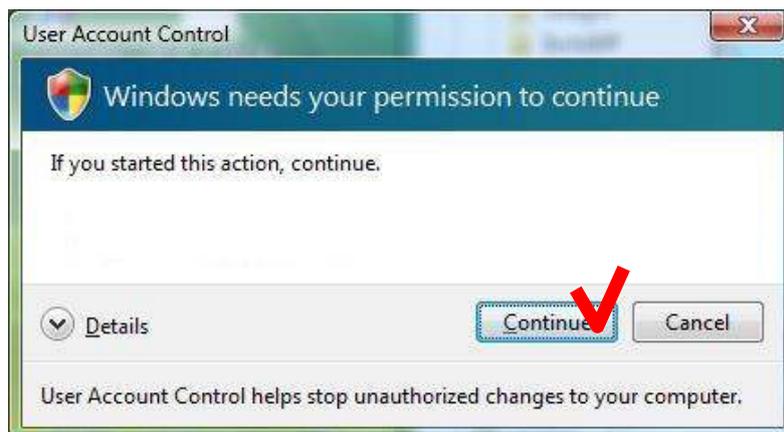


Click [Allow] if “Unidentified program wants access to your computer” is indicated in the window.

Click [Continue] if “Windows needs your permission to continue” is indicated in the window.



or



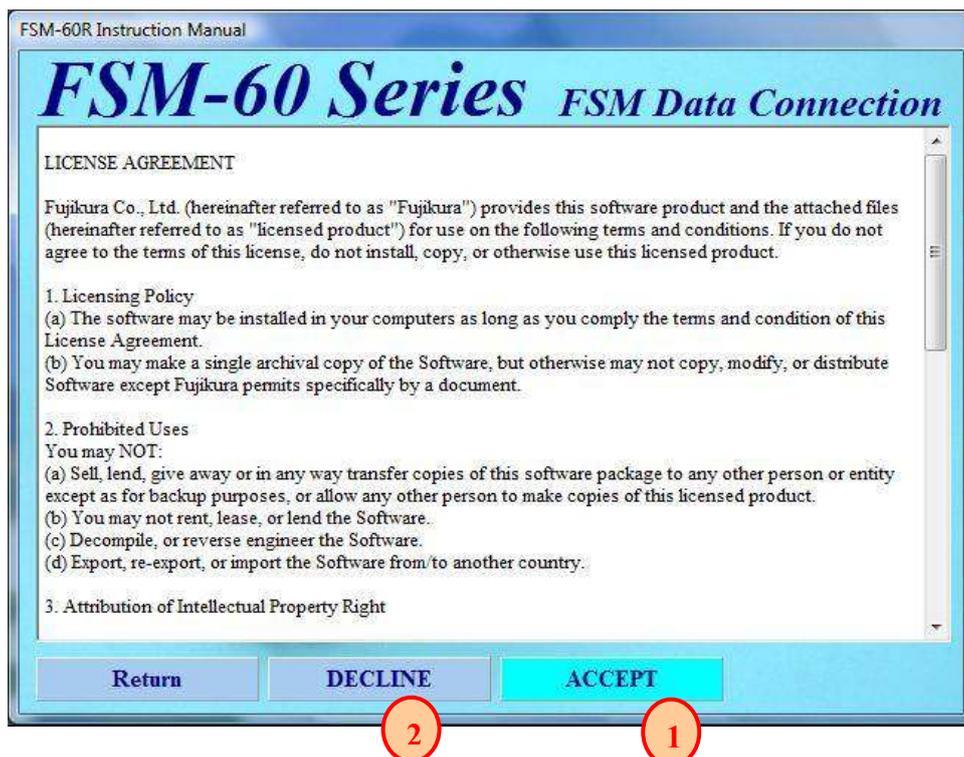
- (5) The message shown below may appear if you run the installer without administrator privilege. In this case, log on PC using an account with administrator privilege.



In case of Windows Vista, open the root folder of the CD/DVD drive using explorer and select "fsmInstruction.exe" by right click. Sub menu will appear near the file name. Select [Run As Administrator] in order to run the installer with administrator privilege.

- (6) License Agreement confirmation window will appear in case current version of software is not installed in your PC. Otherwise, if the software has already been installed, uninstallation window will appear. (See chapter 4 "**Uninstall**")

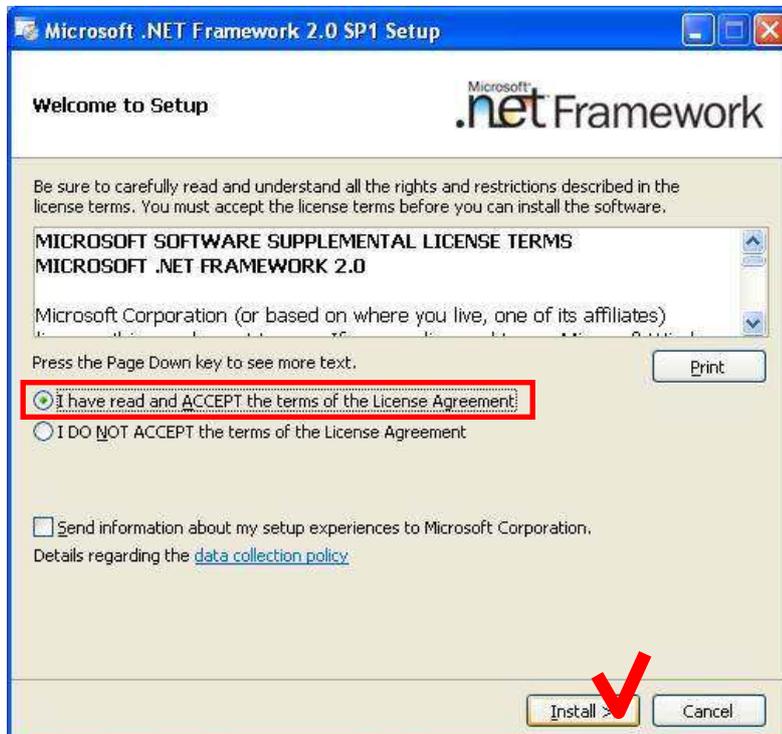
Click [ACCEPT] [1] button if you accept the License Agreement. If you do not accept the License Agreement, click [DECLINE] [2] button. In this case, installation should be cancelled.



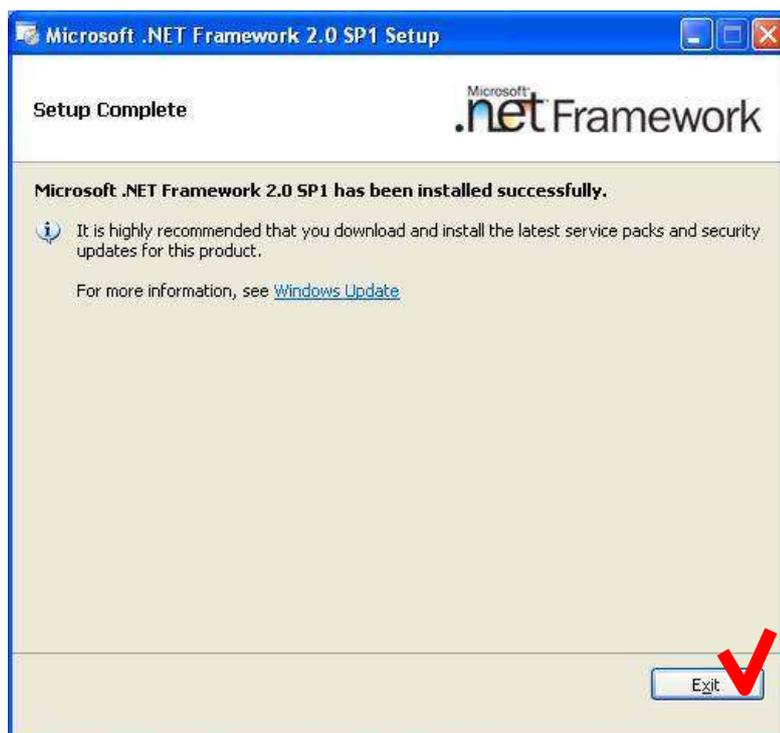
(7) Installation of .NET Framework 2.0SP1 may start if it has not been installed in PC. (Windows XP only)

Click “I have read and ACCEPT the terms of the License Agreement” and then click [Install].

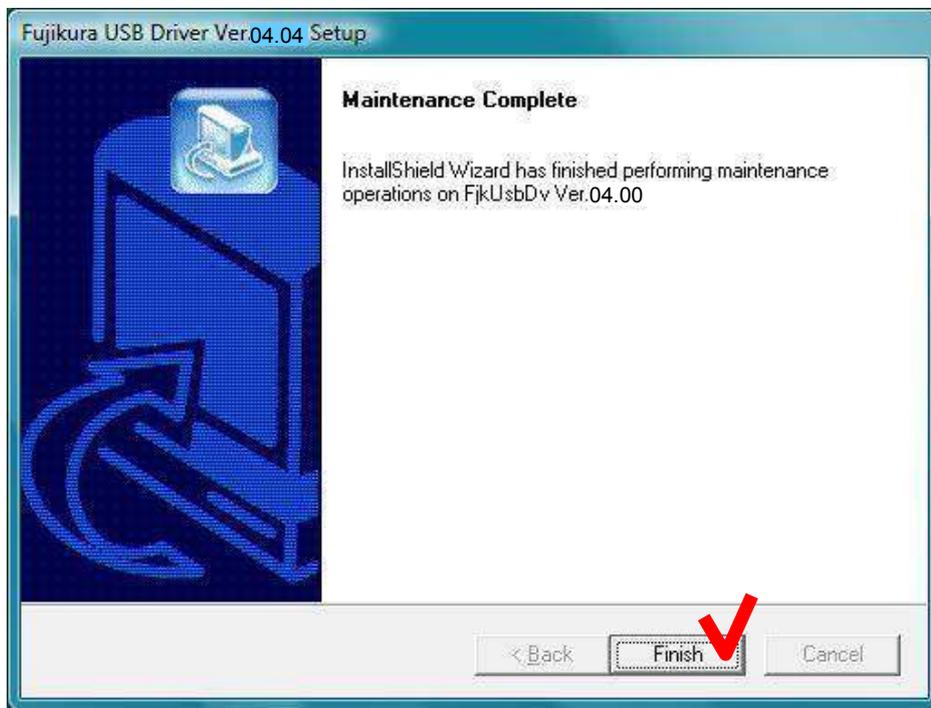
Installation of the .NET Framework takes a few minutes.



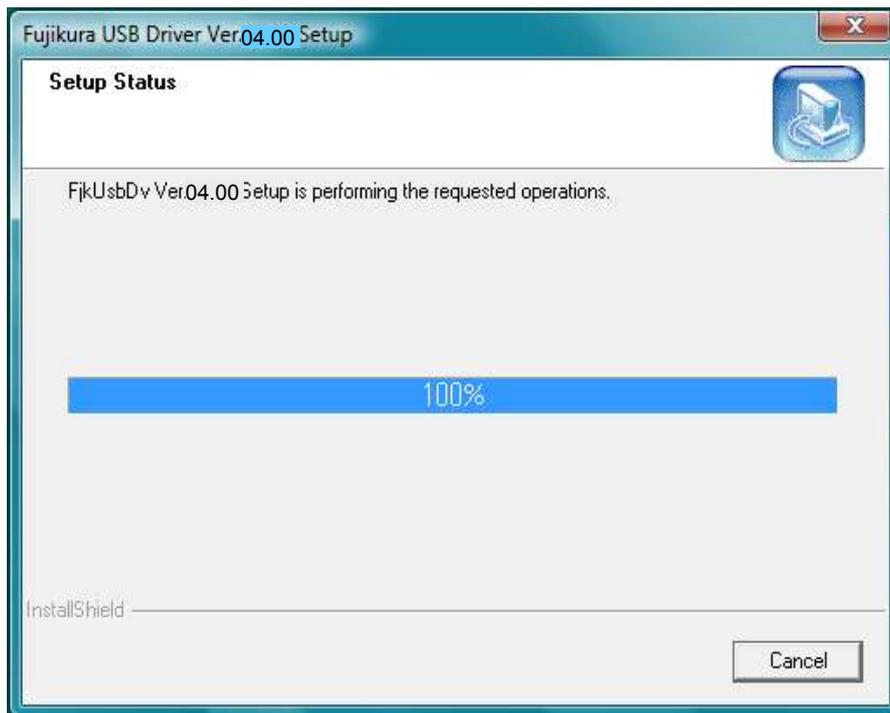
Click [Exit] when finished.



- (8) Uninstallation of USB driver may start if old version driver is installed in PC.
In this case, click [OK] and then click [Finish]



(9) Installation of USB driver will start successively.



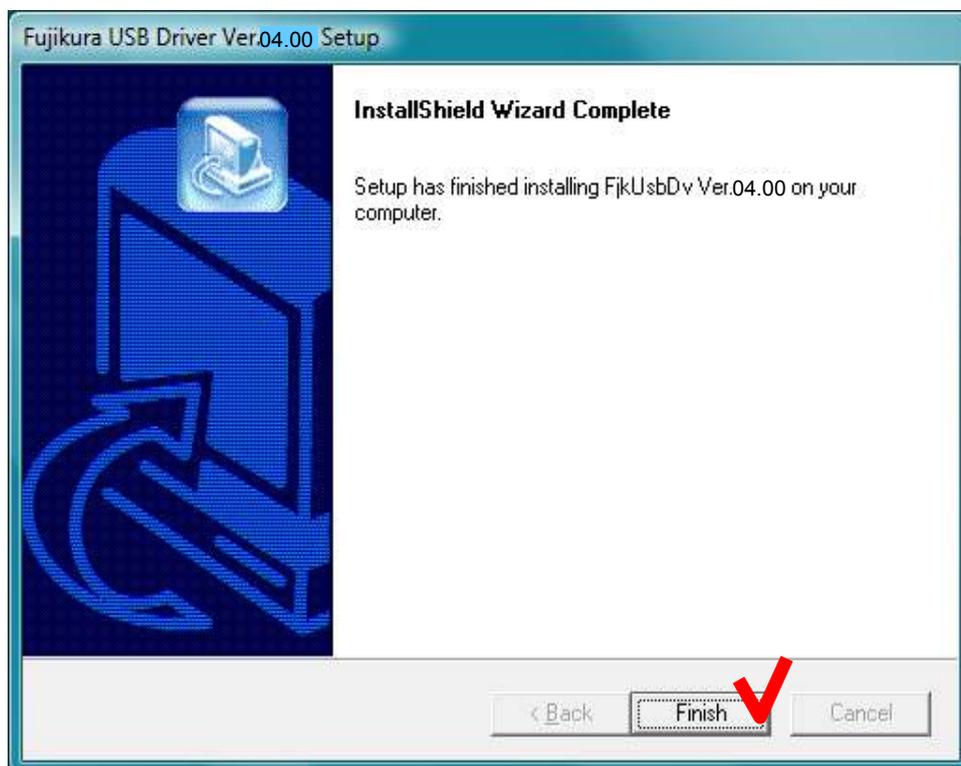
A confirmation message may appear.
In this case, click [Install].



A security warning message may appear.
In this case, click “Install this driver software anyway”.



(10) Click [Finish] button after installation of the driver is finished.



(11) Installation of the main program of FSM Data Connection will start.

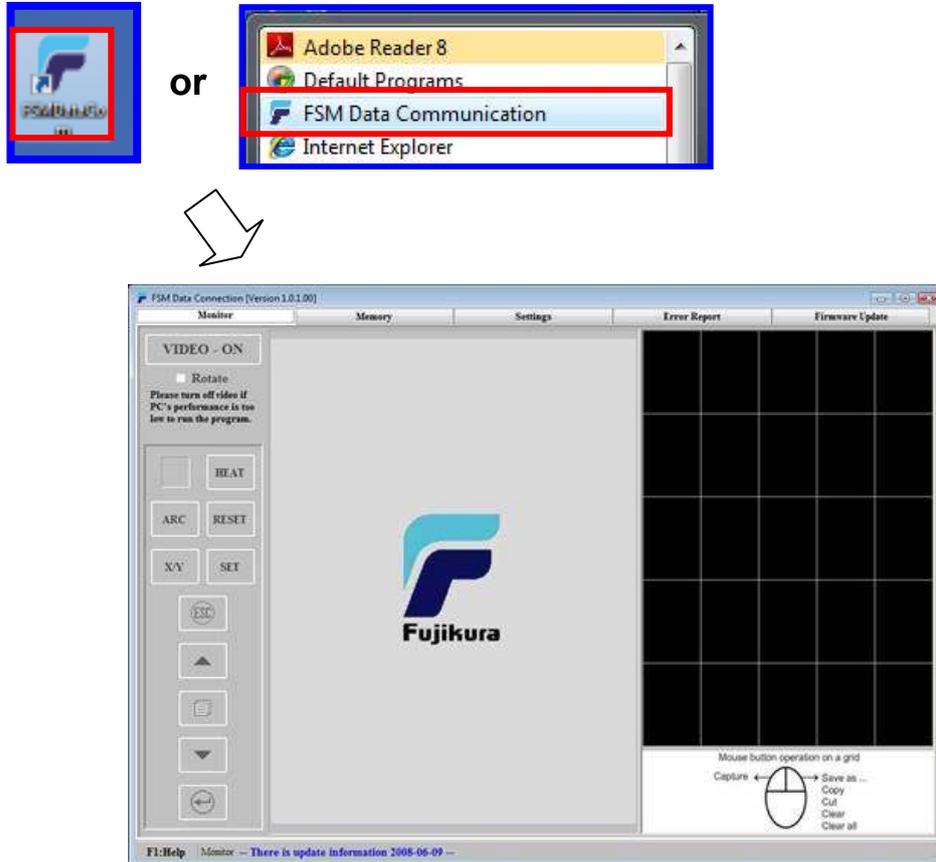


(12) Installation has completed. Click [Exit] button to close the menu.



3.3 STEP 3 : Run

- (1) Double-click the short cut on the desk top or click “FSM Data Connection” in the [Start] → [All Programs] menu.



Trouble Shooting

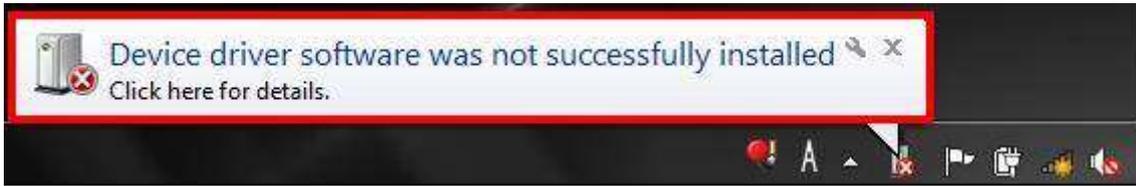
- a) Some errors occur when FSM Data Connection is executed.
 - (1) Windows may not be updated by the latest update. Perform Windows Update or Microsoft Update to update the operating system.
 - (2) Memory capacity or the processor speed may be insufficient to meet the System Requirement. Install additional memory or use another PC.
- b) It takes more than 20 seconds to start the program.
 - (1) Quit another programs running on the PC.
 - (2) Memory capacity or the processor speed may be insufficient to meet the System Requirement. Install additional memory or use another PC.

(2) Connect PC and the splicer by USB cable. Then turn on the splicer power and confirm "READY" is displayed on the monitor of the splicer.



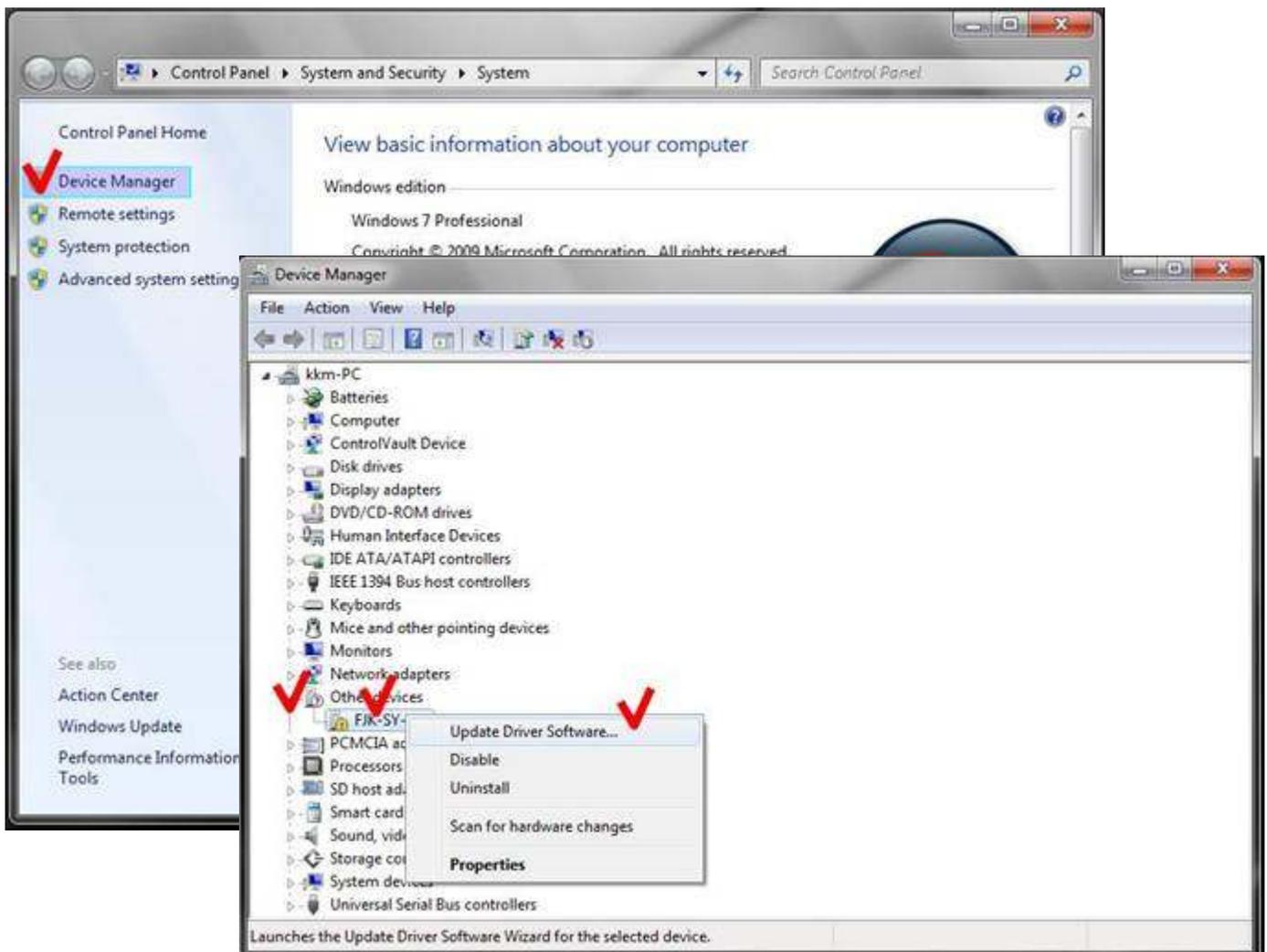
In case of Windows 7

(3) Message that "Device driver software was not successfully installed" is popped up.

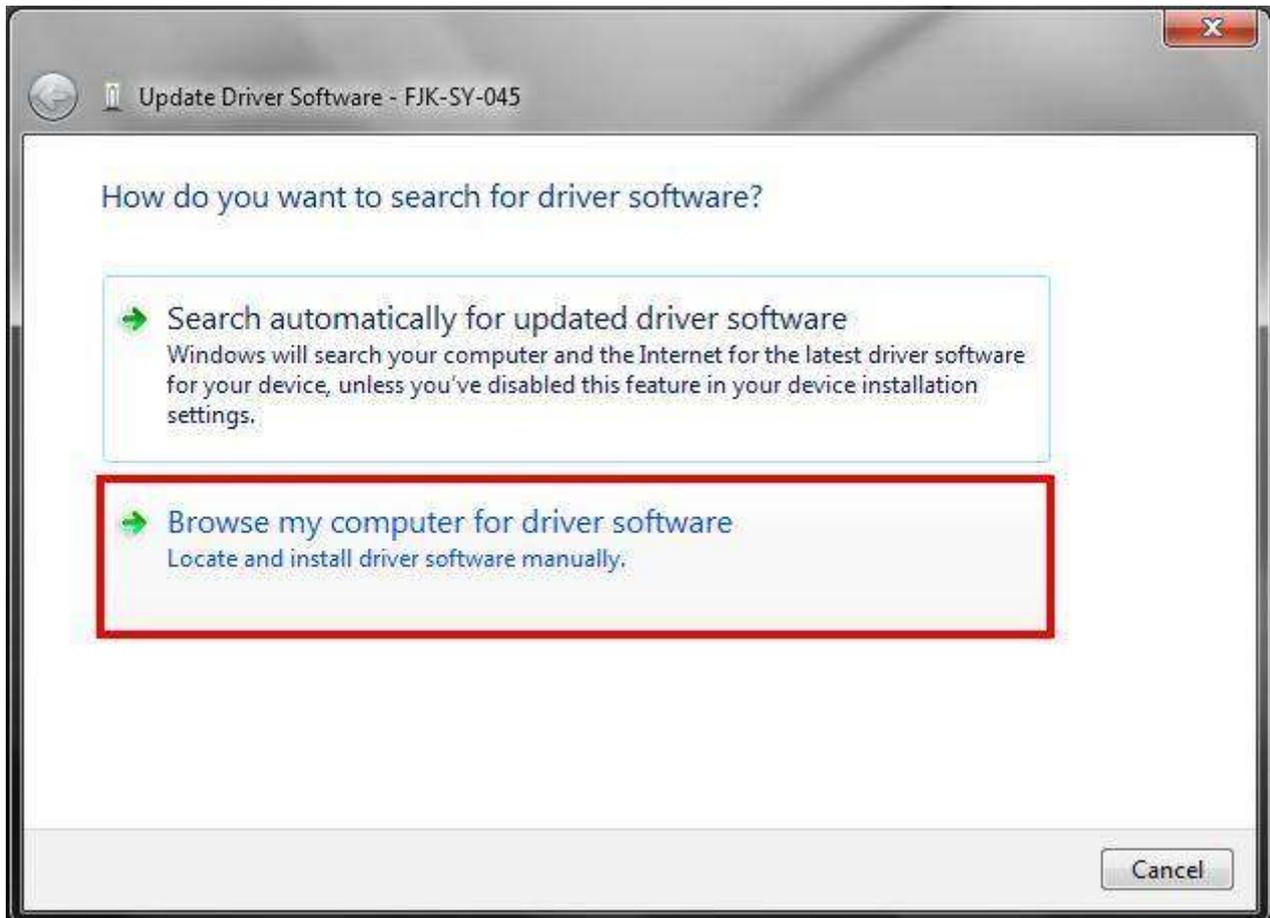


(4) In case installation failed or "Found New Hardware Wizard" window does not appear from the start, open [Start] → [Control Panel] → [System] → [Hardware] → [Device Manager] menu.

(5) If "Jungo" or "Other devices" is listed, click [+] mark. Then right-click on "FKJ-SY-045" or "Unknown device" and select "Update driver..."
"If "Other devices" is not listed, check the connection between splicer and PC, and also check the power of splicer.



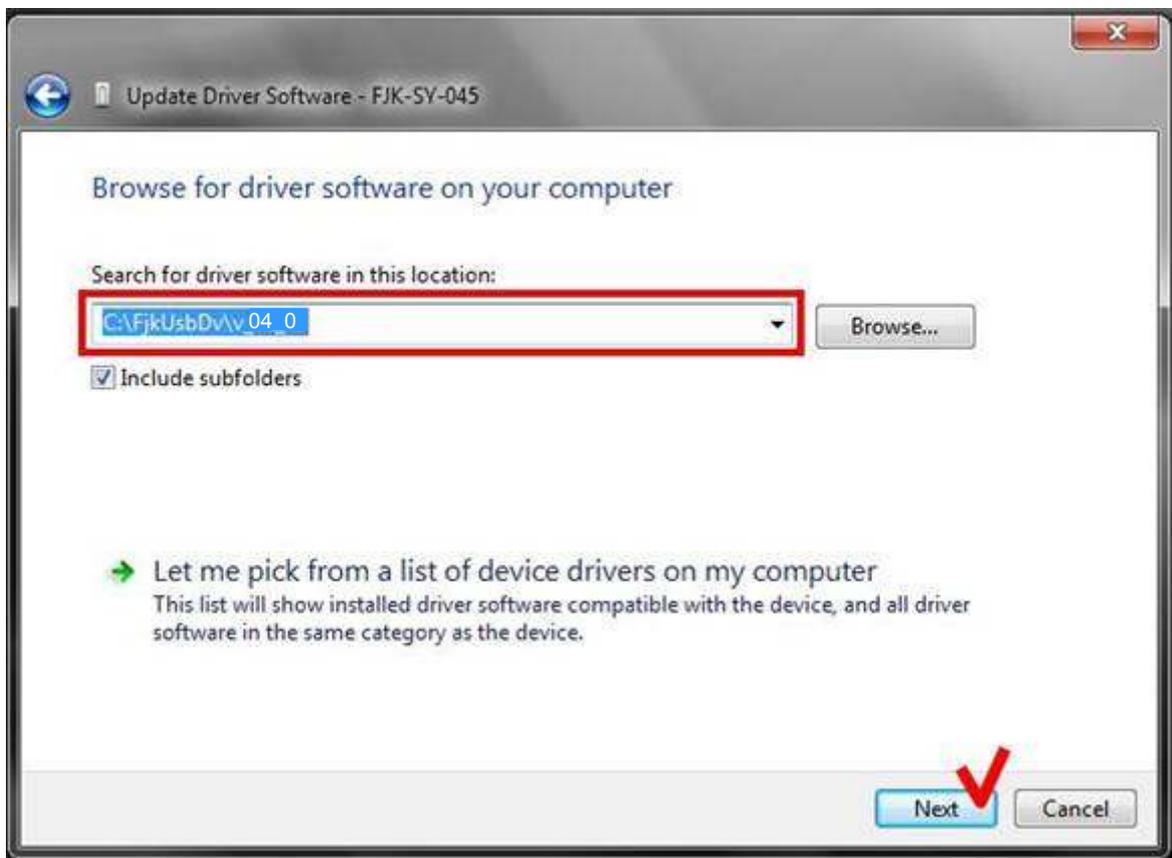
Click “Browse my computer for driver software”.



- (6) Click [Browse...] and then select “My Computer” → “Local Disk(C:)” * → “FjkUsbDv” → “v_04_00” and finally click [Open] button.
Otherwise, enter “C:\FjkUsbDv\v_04_00” * to the text box directly.

Then click [Next] button.

* It is necessary to choose the disk drive where Windows is installed. In almost cases, it is “C:”.



Click “Install this driver software anyway”.



Click [Close]

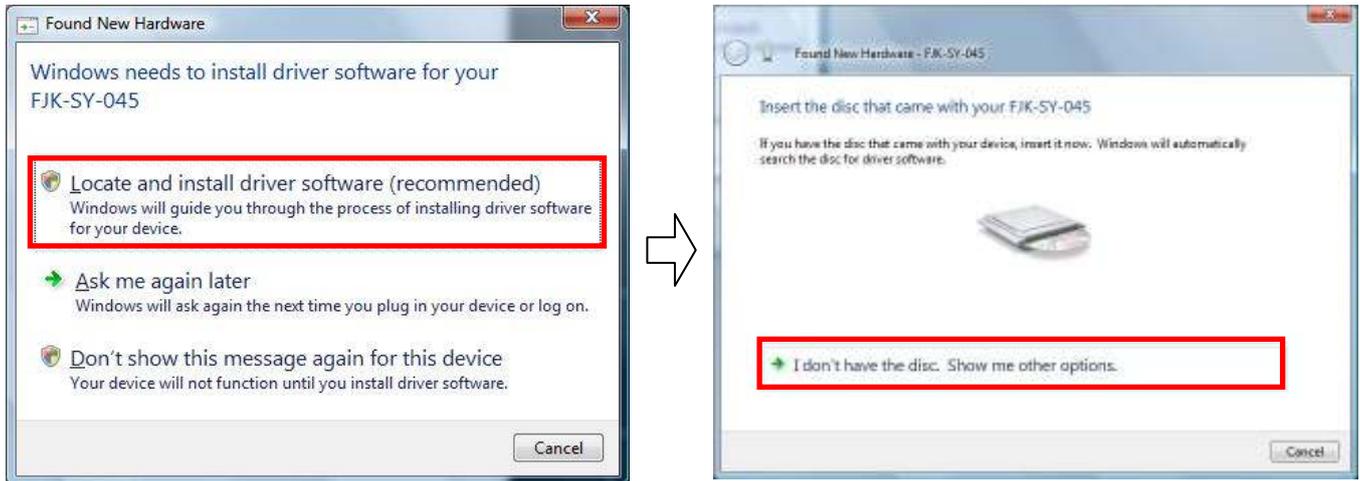


(7) Close “System Properties” and “Device Manager”.

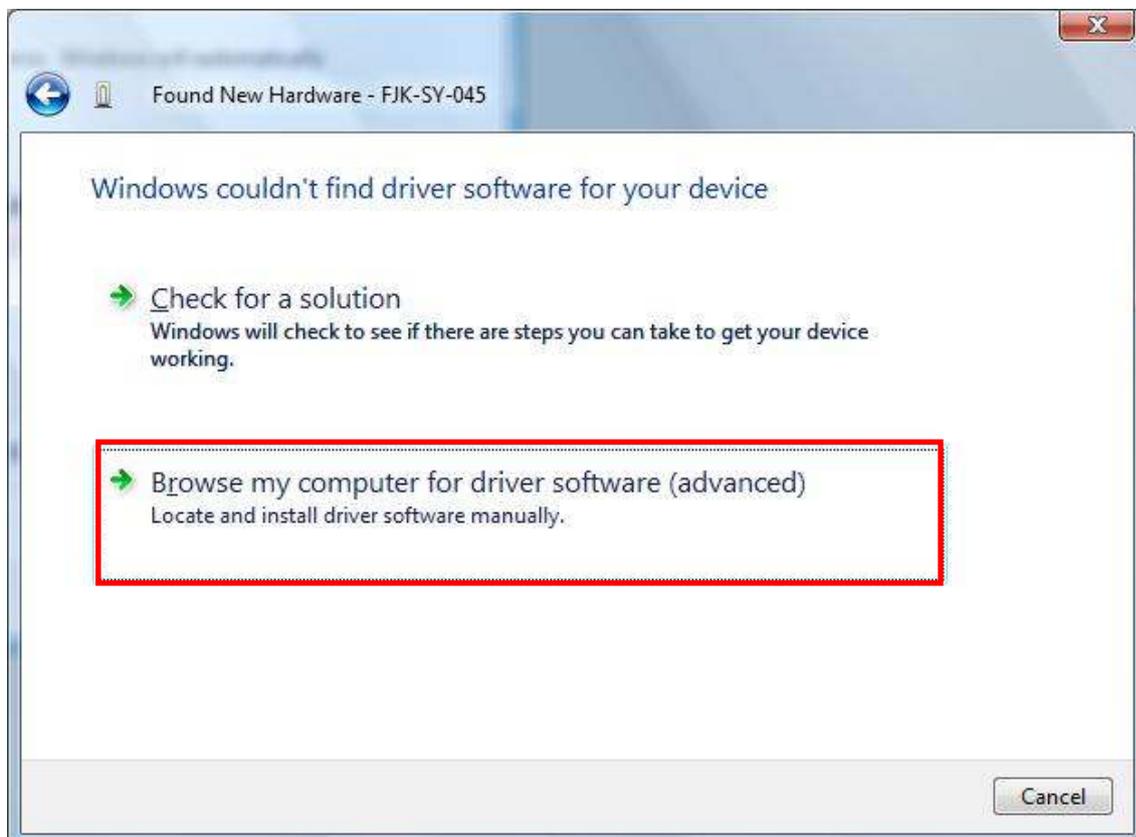
In case of Windows Vista

If “Found New Hardware Wizard” window appears:

- (8) Click “Locate and install driver software”
- (9) Click “I don’t have the disc. Show me other options”.



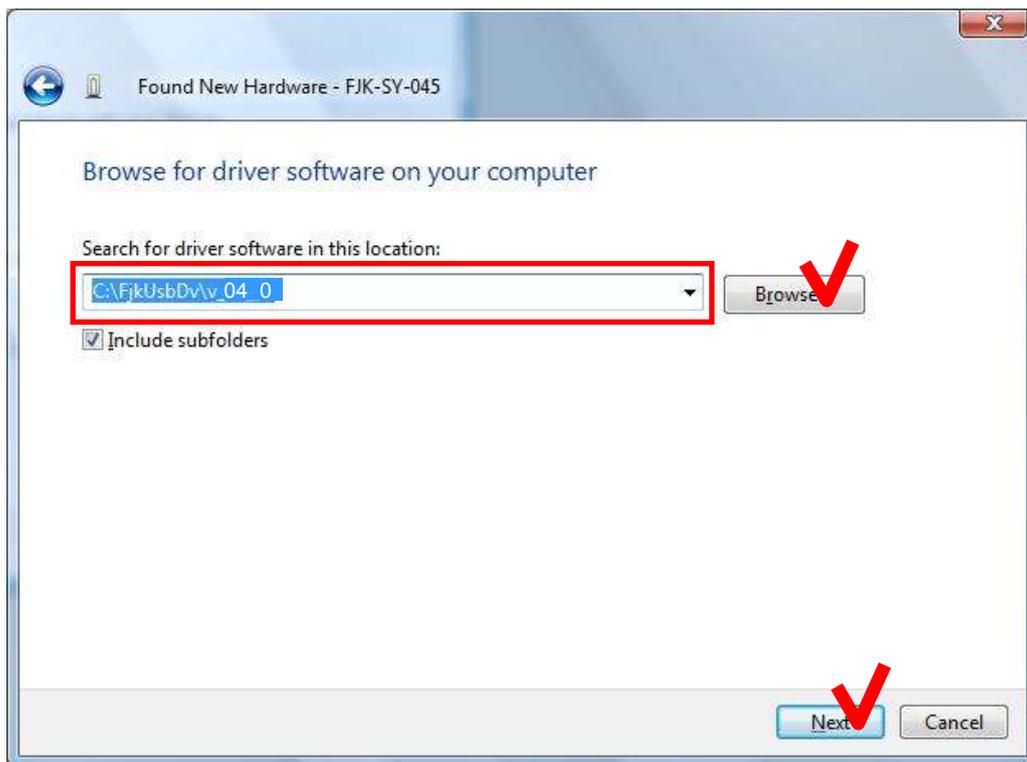
- (10) Click “Browse my computer for driver software”.



- (11) Click [Browse...] and then select “My Computer” → “Local Disk(C:)“ * → “FjkUsbDv” → “v_04_00” and finally click [Open] button. Otherwise, enter “C:\FjkUsbDv\v_04_00” * to the text box directly.

Then click [Next] button.

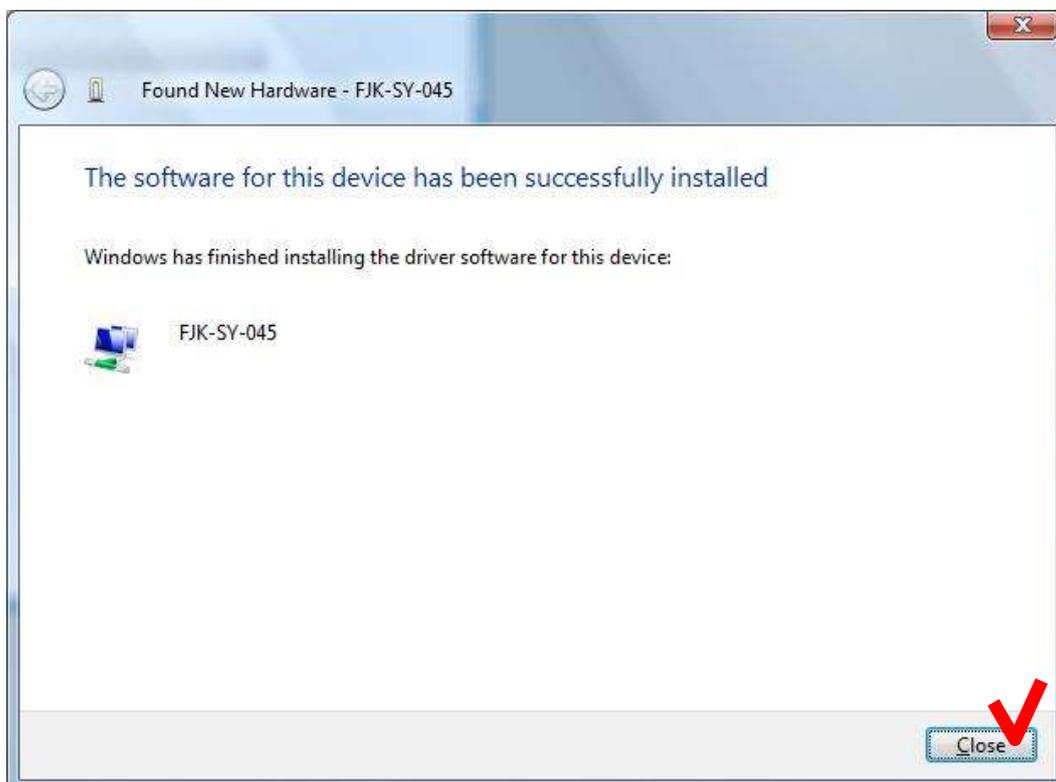
* It is necessary to choose the disk drive where Windows is installed. In almost cases, it is “C:”.



- (12) A security warning message may appear. In this case, click “Install this driver software anyway”.

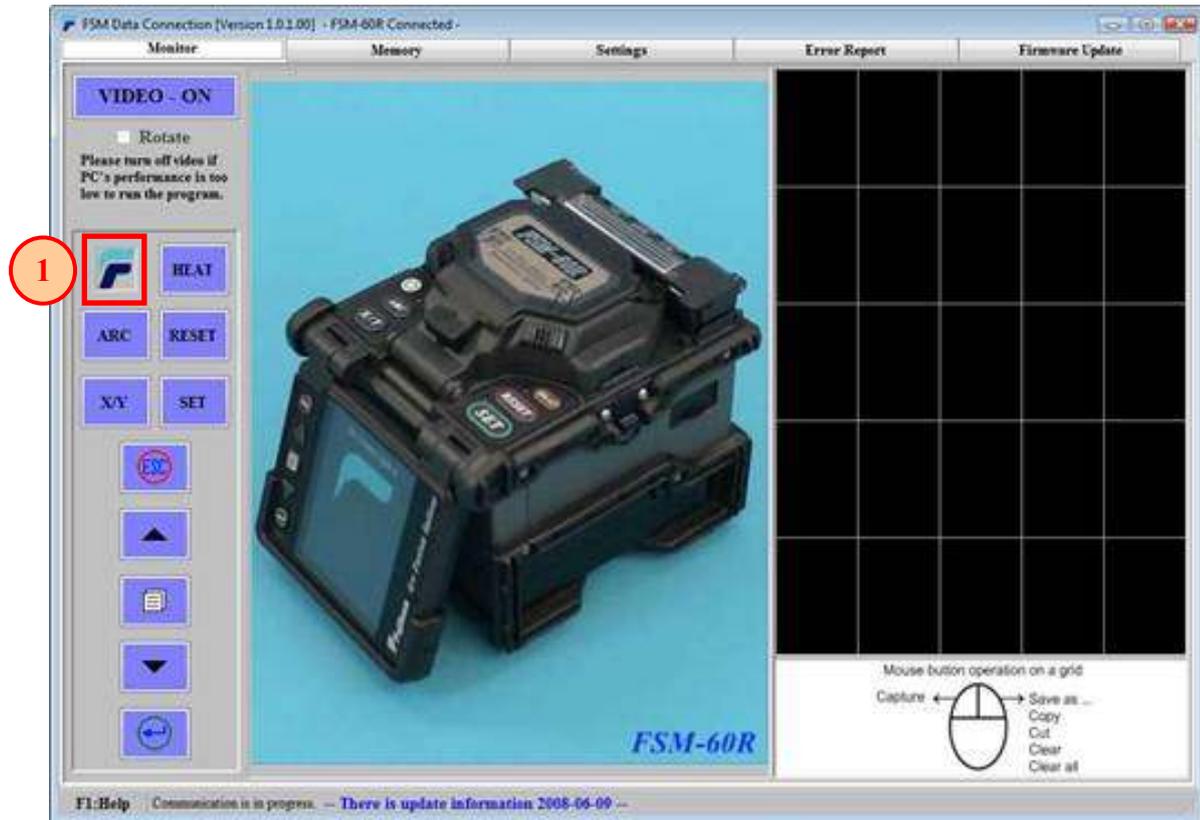


- (13) Click [Close] when the message “The software for this device has been successfully installed” is displayed.



If “Found New Hardware Wizard” window does not appear:

- (14) Communication between PC and the splicer has already been enabled if the blue icon [1] is displayed. In this case, go to the paragraph (20), page 29.



(15) In case the icon is not displayed, open [Start] → [Control Panel] → [System] → [Hardware] → [Device Manager] menu by clicking them sequentially.

If “Jungo” or “Other devices” is listed, click [+] mark of it. Then right-click on “FJK-SY-045” or “Unknown device” and then click “Update driver...”

If they are not listed, check the splicer is connected and power is turned on.



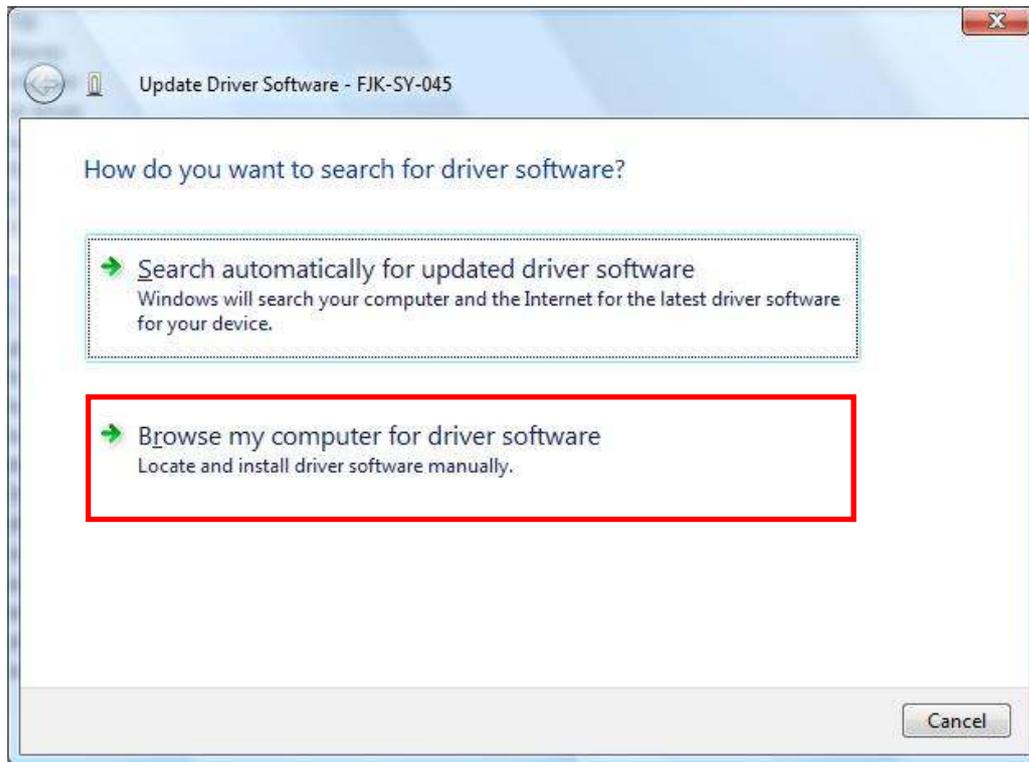
“User Account Control” window may appear during operations for installation.



Click [Continue] if “Windows needs your permission to continue” is indicated in the window.

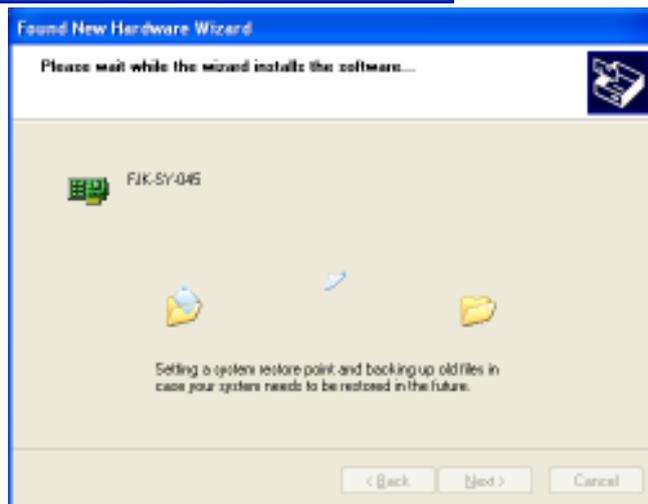
Click [Allow] if “Unidentified program wants access to your computer” is indicated in the window.

- (16) Click “Browse my computer for driver software” and then go back to the procedure shown in paragraph (11), page 199.



In case of Windows XP

- (17) If “Found New Hardware Wizard” window appears, click “Install the software automatically” and then click [Next] button. Click [Finish] button after the wizard is complete.



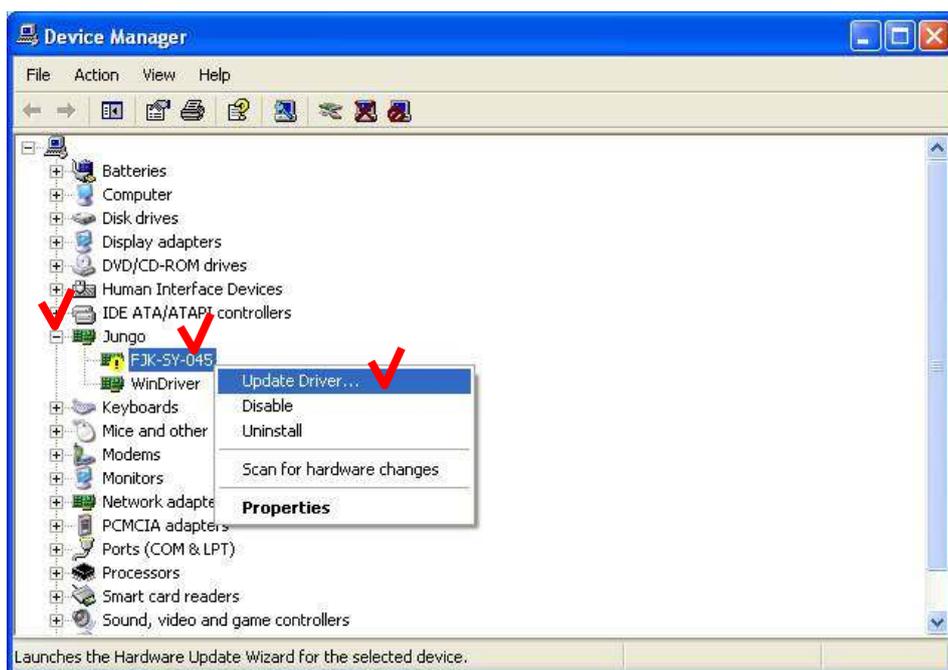
Completed



- (18) In case installation failed or “Found New Hardware Wizard” window does not appear from the start, open [Start] → [Control Panel] → [System] → [Hardware] → [Device Manager] menu.



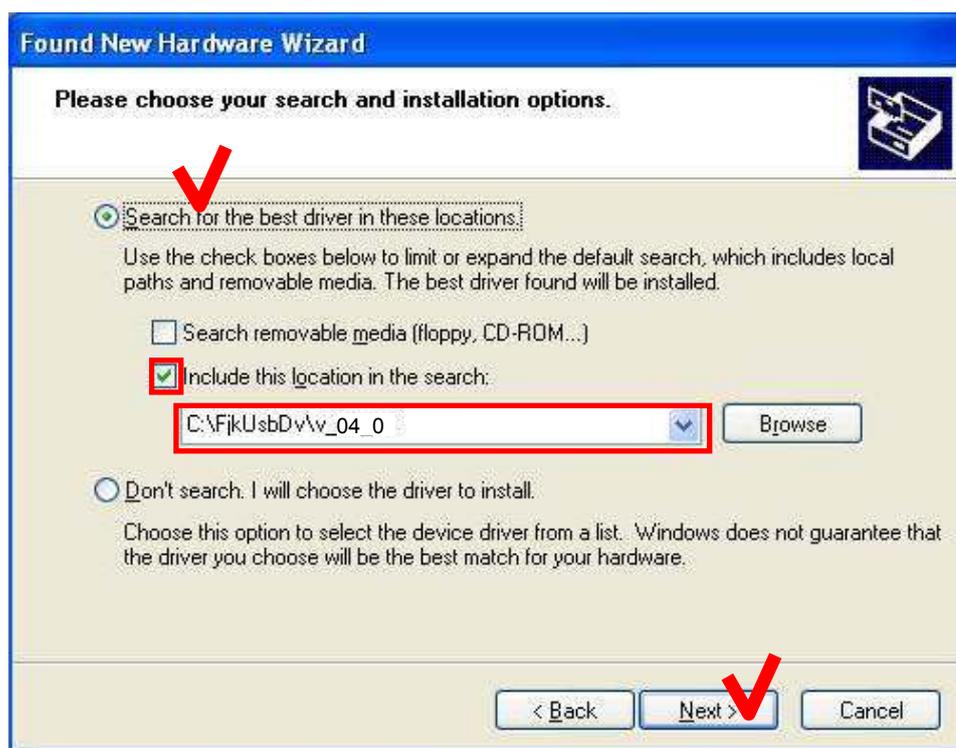
If “Jungo” or “Other devices” is listed, click [+] mark. Then right-click on “FJK-SY-045” or “Unknown device” and select “Update driver...”
If “Other devices” is not listed, check the connection between splicer and PC, and also check the power of splicer.



Click “Install from a list of specific location” and then click [Next].



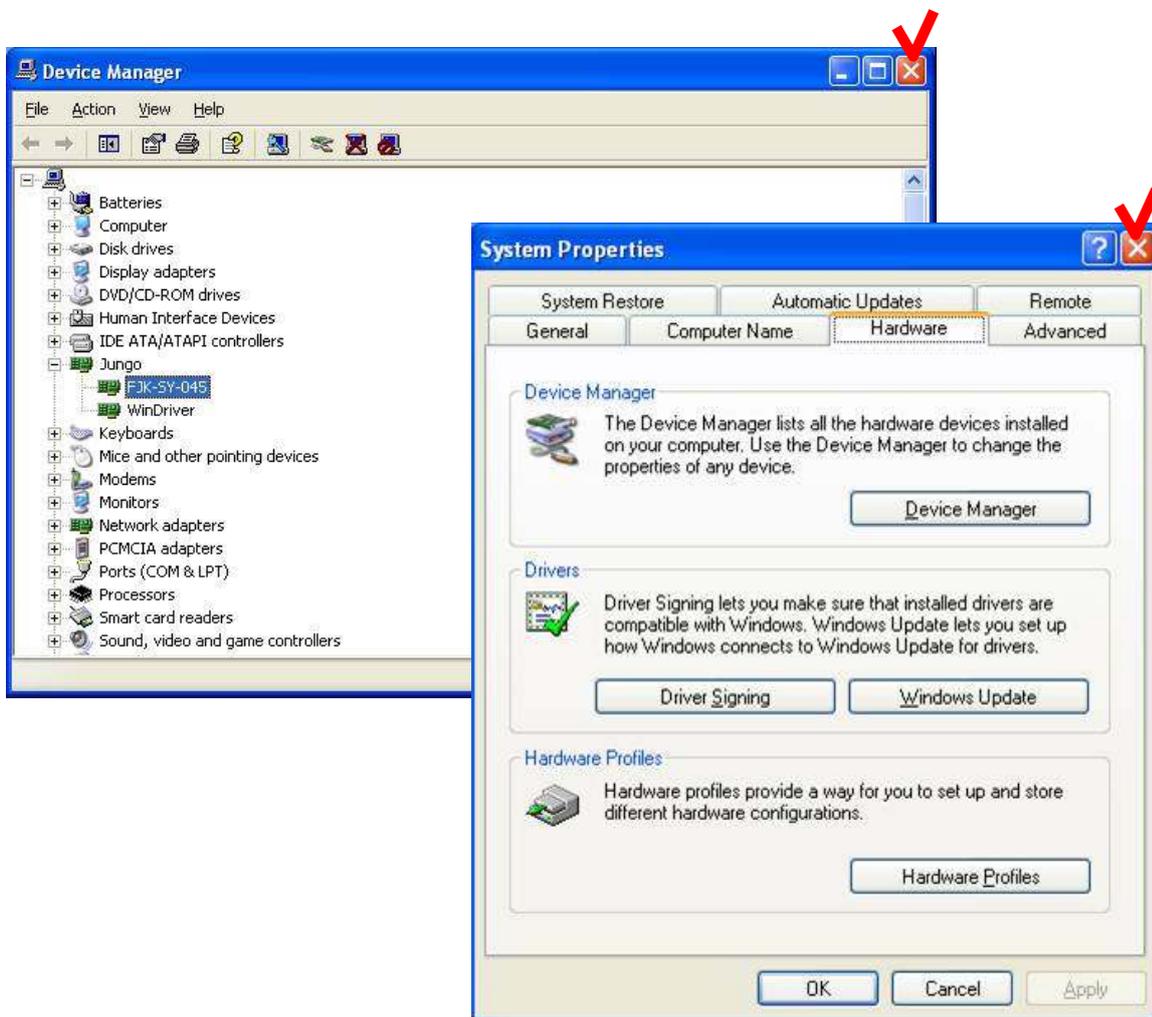
Enter “c:\FjkUsbDv\v_04_00” to the text box and then click [Next].



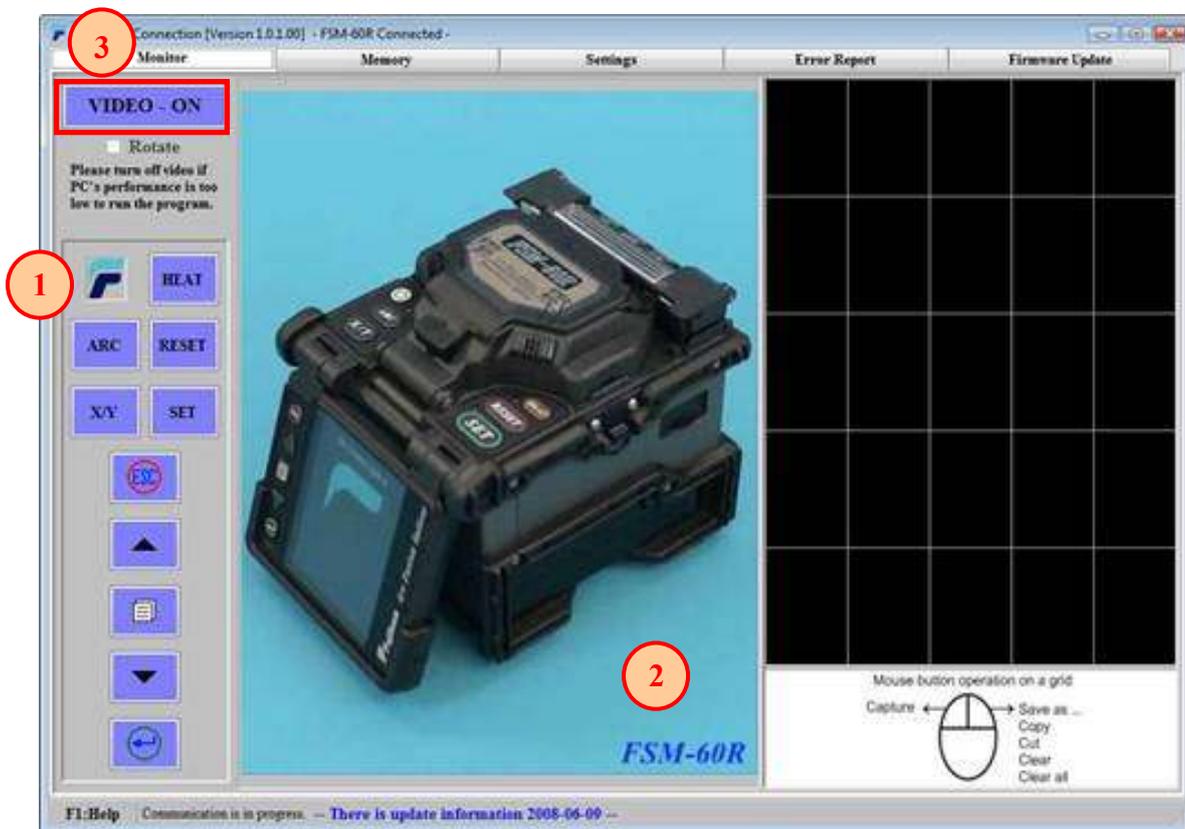
Click [Finish] button after the wizard is complete.



Close “System Properties” and “Device Manager”.



- (19) A blue icon [1] and a photograph of the splicer [2] should be displayed if the program works correctly.



Trouble Shooting

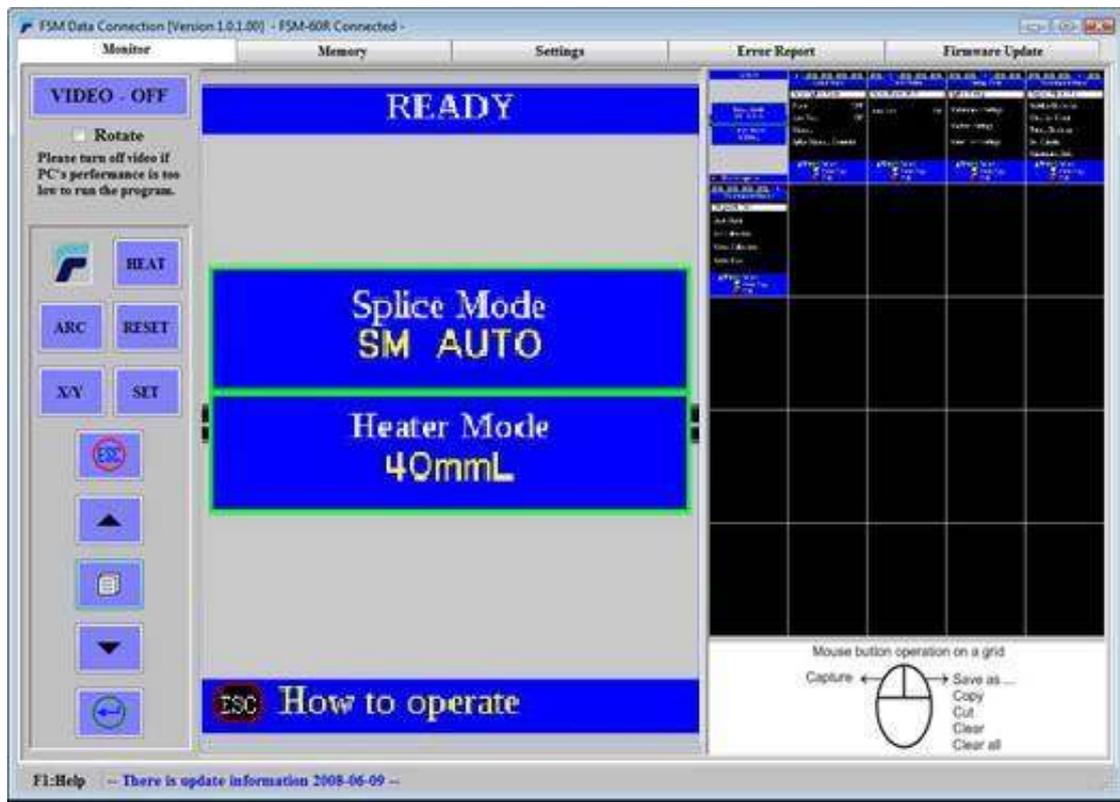
(1) If  icon does not appear at [1].

- Confirm the cable connection.
- Confirm the splicer power is turned on.
- USB driver may not be installed correctly. In this case, install FSMDC again.

(2) If a picture of the splicer is not shown at [2].

- If the splicer does not indicate "READY", press RESET key of the splicer.
- Confirm the cable connection.
- Connect USB cable to PC directly in case the cable is connected through an external USB hub.

- (20) Click [VIDEO ON] [3] and confirm that the image on the splicer's monitor is shown at the center frame.



Trouble Shooting

The image on the monitor of the splicer is not displayed at the center frame.

- (1) Turn off the splicer power and then turn on the power again.
- (2) Memory capacity or the processor speed may be insufficient to meet the System Requirement. Install additional memory or use another PC.

4 Uninstall



Uninstaller does not work if the installed version of software is old or some portion of the software has already been deleted.
In this case, install the software again before uninstallation.
Refer to the chapter 3 about installation.

- (1) Insert the instruction CD into CD-ROM or DVD drive.
- (2) After a few seconds, the instruction menu will appear.
 - * If the menu does not appear, double click the "fsmlInstruction.exe" which is in the root of CD drive.
- (3) Click [Setup FSM Data Connection] button.

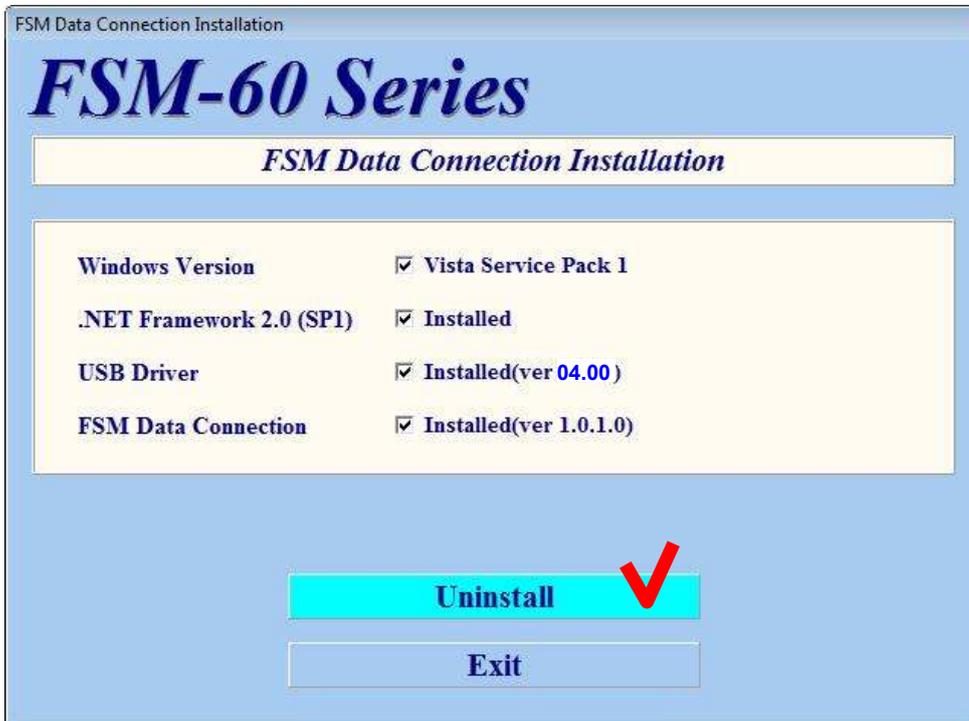
Uninstaller cannot remove FSM Data Connection if the version of the installed software is old or some portion of the software has already been deleted. If a dialog of "License Agreement" appears, click [ACCEPT] to install FSMDC once. (About installation, refer to the chapter 3.)

Click [Load FSM Data Connection Software] again after installation finished.

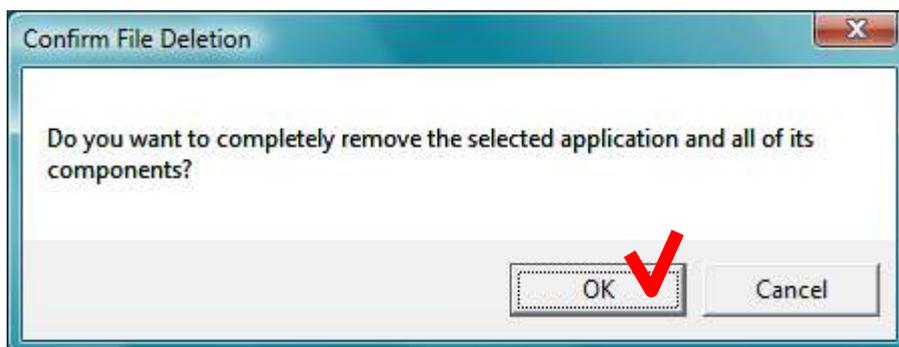


(4) A dialog window will appear that shows the name of running operating system and installed components.

Click [Uninstall] button.

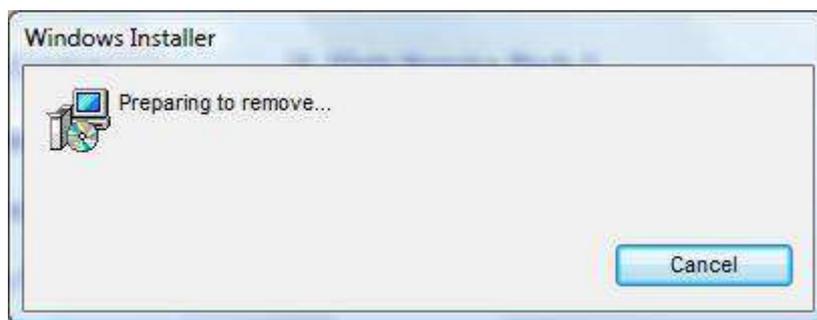
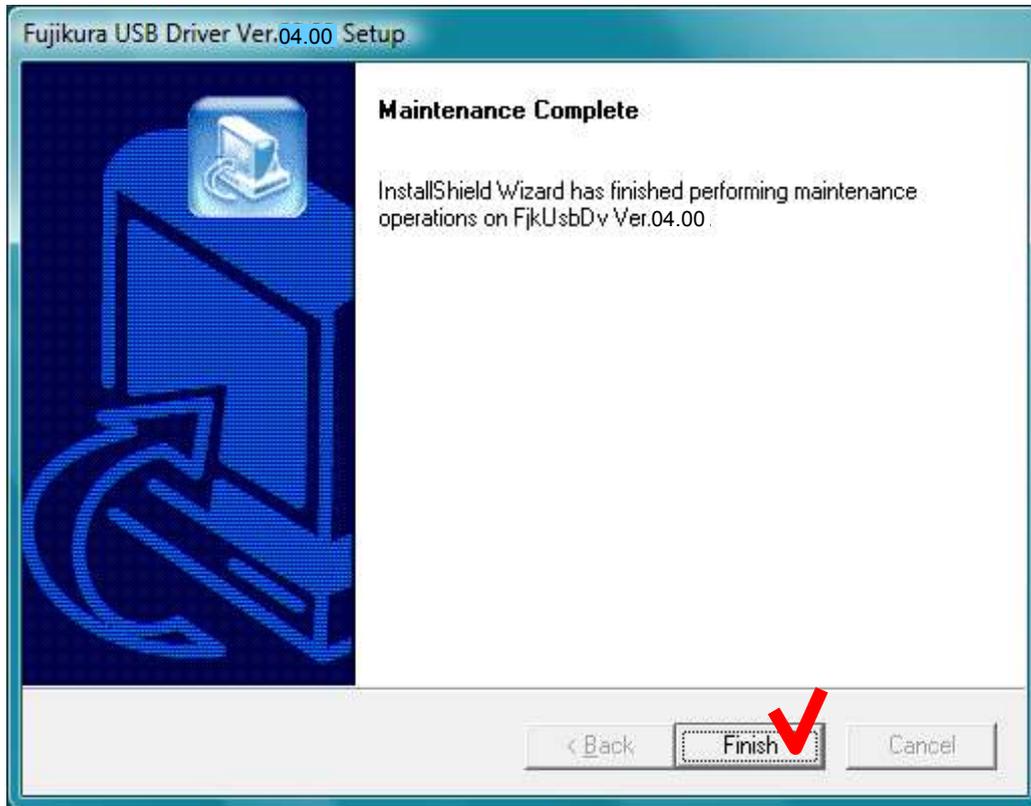


(5) A confirmation dialog will appear. Click [OK] button to continue.



(6) USB driver is uninstalled successfully if a window indicating “Maintenance Complete” appears.

Click [Finish] button so that main program of FSM Data Connection is uninstalled successively.



(7) Uninstallation is completed. Click [Exit] button to finish uninstallation.



5 Contact Address

Inquiries concerning products should be made to the nearest distributor or one of the following:

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