
KONDO USB Driver Install Manual

KO Driver 2015

Ver.1

近藤科学株式会社

Kondo Kagaku Co.,Ltd.



June 29, 2015 Ver. 1

Introduction

Thank you for using a KONDO USB device. Please read through this manual to ensure proper use of the device. It is suggested that you read this manual together with the hardware manuals.

Specifications

- Driver Version: Ver.6.0 Rev.20150530
- OS:
 - Windows 8(8.1) / Windows 8(8.1) x64
 - Windows 7 / Windows 7 x64
 - Windows Vista / Windows Vista x64

KONDO Device Compatibility (Device driver files in the KO_Driver_2015 folder support the following KONDO devices (as of June 2015))

Table 1 List of Compatible Devices and Device IDs

Compatible Device	VID (Vendor ID) Type	VID No.	PID No.	Driver Name on Device Manager
ICS USB Adapter	Other	165C	0001	ICS USB ADAPTER
Serial USB Adapter	Other	165C	0002	SERIAL USB ADAPTER
ARC Type4	Other	165C	0003	ARC Type4
2.4G USB Band Monitor	Other	165C	0004	2.4GHz USB Band Monitor
ICS USB Adapter HS	Other	165C	0006	ICS USB ADAPTER HS
Serial USB Adapter HS	Other	165C	0007	SERIAL USB ADAPTER HS
Dual USB Adapter HS	Other	165C	0008	DUAL USB ADAPTER HS
RS485 USB/Serial conversion Adapter	Other	165C	0009	RS485 USB/SERIAL CONVERTER

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Support email address: support@kopropo.co.jp (Responses may take a certain amount of time.)

Installing the Driver Software

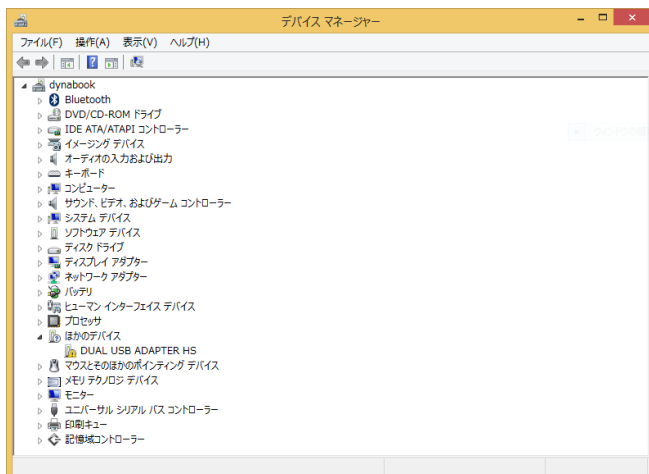
Before Installing

- This manual explains installation procedures for the KO_Driver_2015 driver file using the example of a KONDO serial USB adaptor or dual USB adaptor, but the same procedures can be used to install all compatible KONDO USB devices listed in Table 1 “List of Compatible Devices and Device IDs.”
- The KO_Driver_2015 device driver installs two types of driver files. First, the USB bus driver is installed, and then the USB port driver is installed.
- The KO_Driver_2015 device driver may be downloaded from the following two sites.
 - ◆ [From KONDO Site]: Customer Center → Support Information → KO Driver 2015 in Software Samples
 - ◆ [From KO PROPO Site]: Click the “ICS Driver Download” banner on the top page.
- If you have installed a previous version of KO_Driver, **first uninstall old drivers**. To uninstall, refer to the “Uninstall Drivers (All Versions)” section on p. 6.

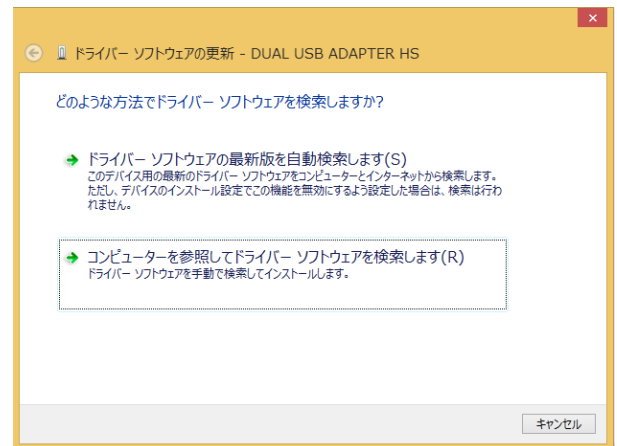
Windows 8 (8.1)

Install Driver File

- 1 . Insert the setup CD-ROM with KO_Driver_2015 into the drive. Or, decompress the downloaded file and then save it to the appropriate folder.
- 2 . Insert the device into the USB port.
- 3 . Launch Device Manager. (It may be launched using any of the following methods.)
 - ◆ Move the mouse over the button in the lower left-hand corner of the screen (Start button) and right-click. Select “Device Manager” from the displayed menu.
 - ◆ Press the “X” key while holding down the “Windows” key on the keyboard.
 - ◆ Launch Device Manager by selecting “Settings” → “PC info” from the Charms.
- 4 . Confirm that there is a device with an exclamation mark (!) displayed in the “Other devices” category. (In the screen example, it is Dual USB ADAPTER HS)

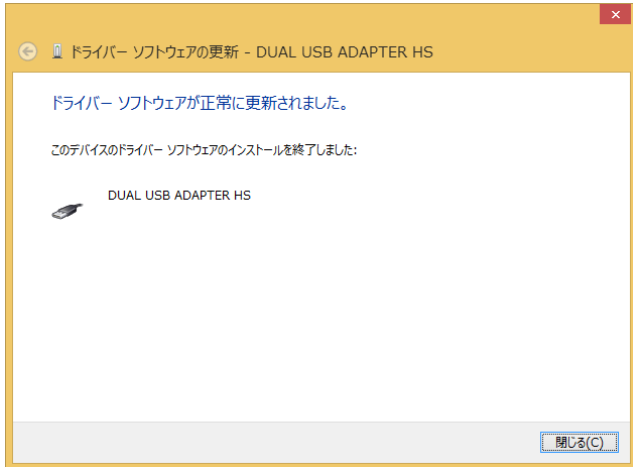


- 5 . Right-click the above device, and click “Update Driver Software.”
- 6 . The dialogue for updating driver software will be displayed. Select “Browse my computer for driver software.”

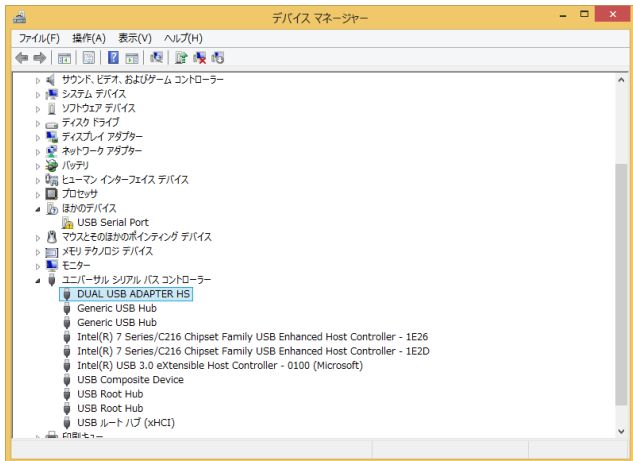


- 7 . When the “Browse for driver software on your computer” dialogue is displayed, click the “Browse” button and specify the KO_Driver_2015 folder. Confirm that there is checkmark next to “Include subfolders,” and click “Next.”
- 8 . Driver installation will begin.

- 9 . When installation is completed, “Windows has successfully updated your driver software” will be displayed, and the name of the installed device will be displayed. (In the screen example, “DUAL USB ADAPTER HS”)



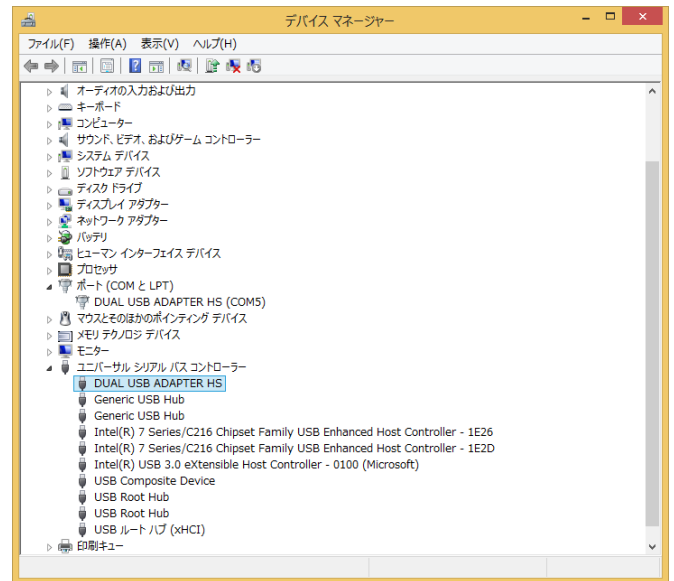
- 10 . Next, a device with an exclamation mark (!) will be displayed as before in the Device Manager. Repeat the procedures starting from step 5 and just as before install the driver software.



- 11 . Driver installation is complete when both types are installed, the USB bus driver and USB port driver.

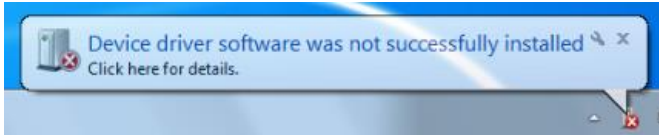
Device Confirmation and Reminders

- 1 . When driver installation is complete, confirm the device port number.
- 2 . Launch Device Manager following the instructions in step 3 above.
- 3 . In Device Manager, confirm that the name of the installed device is in the Universal Serial Bus Controller section. And, confirm that the name of the installed device and COM port number are in the Port (COM and LPT) section. (In the example, the device name is “DUAL USB ADAPTER HS” and the COM port number is 5 (COM5). The port number differs depending on your computer, so it may not always be COM5.)

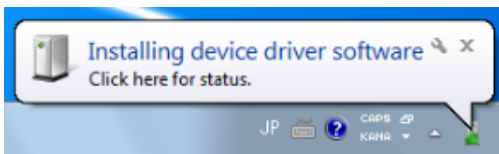


Windows 7

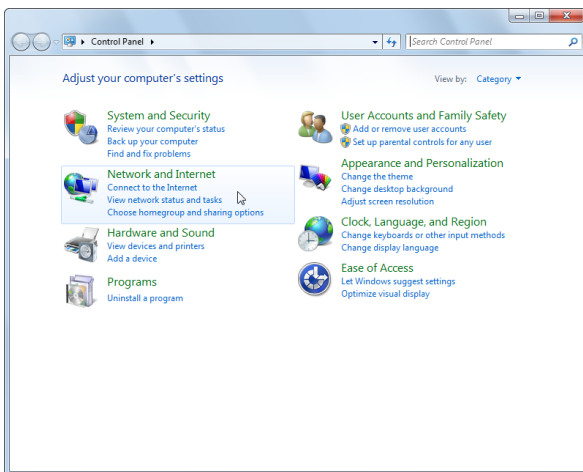
1. Insert the setup CD-ROM with KO_Driver_2015 into the drive. Or, save the downloaded file in an appropriate folder such as the Desktop, and then decompress the compressed file.
2. When the device is inserted into the USB port, the computer will automatically search for the driver, a message will appear on the lower-right. Click the balloon help to display the details.



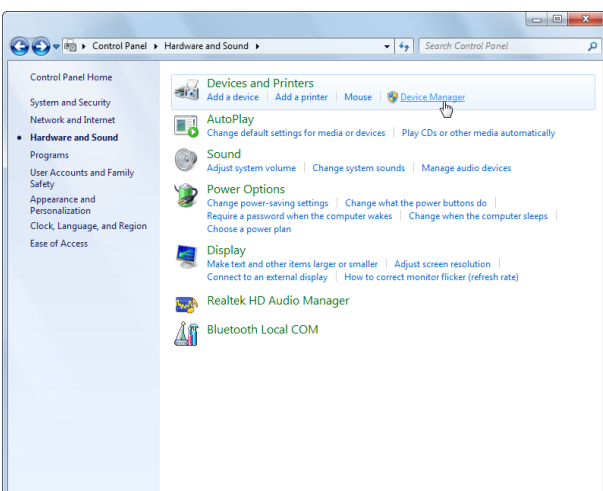
3. After a few moments, the driver file will not be found, so a failure message will appear.



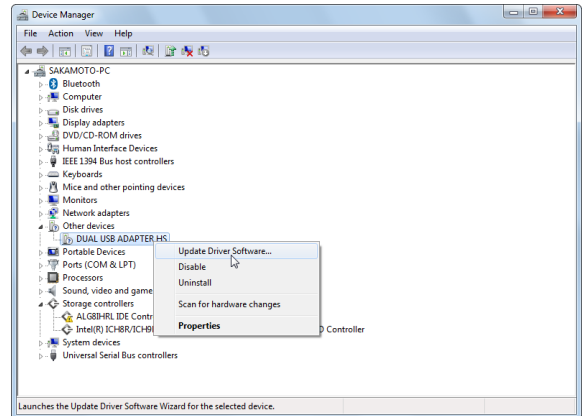
4. Open Start Menu -> Control Panel -> Hardware and Sound.



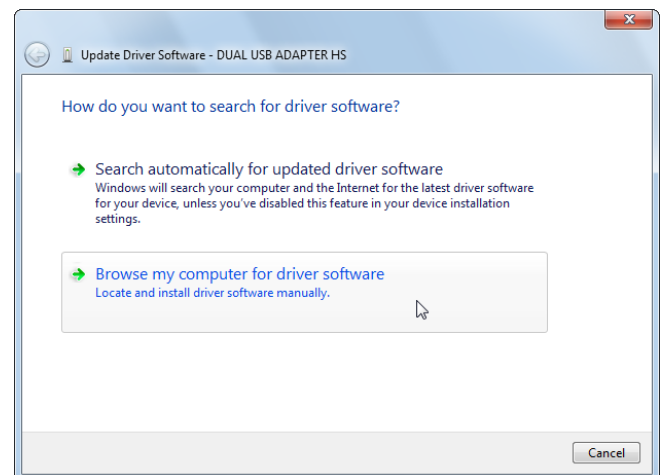
5. Next, open the Device Manager.



6. In the Device Manager, there will be a device displayed with a yellow triangle. Right-click and select "Update Driver Software (P)."

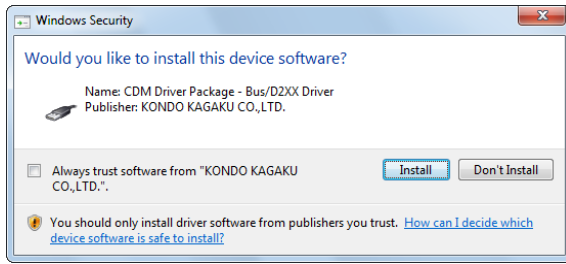


7. The dialogue for updating driver software will be displayed. Select "Browse my computer for driver software."

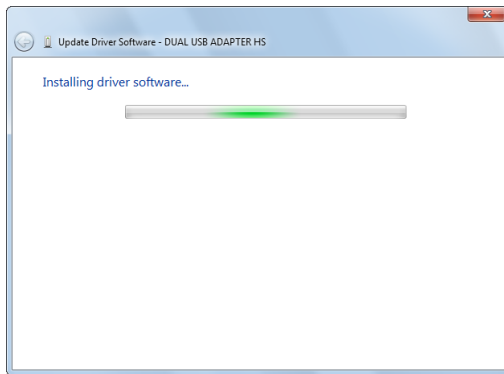


8. When the "Browse for driver software on your computer" dialogue is displayed, click the "Browse (R)" button and specify the "KO_Driver_2015" folder. Confirm that there is a checkmark next to "Include subfolders," and click the "Next" button.

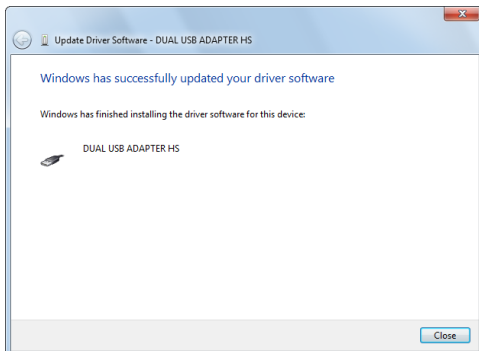
9. When the driver software is found, the Windows Security dialogue will be displayed, so click "Install."



10. Driver software installation will begin.



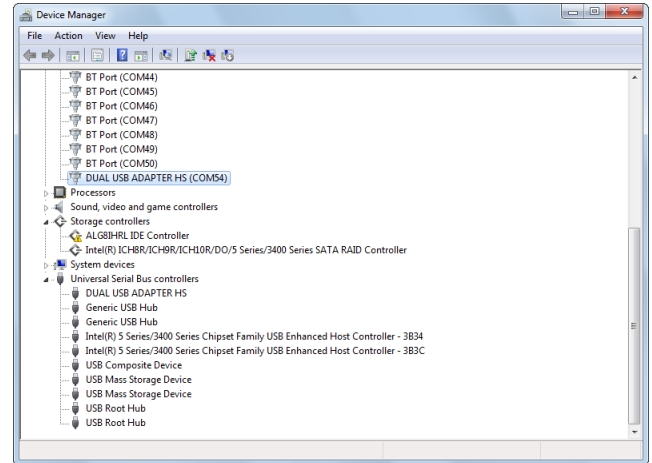
11. When installation is complete, "Windows has successfully updated your driver software" will be displayed. The name of the device installed will be displayed in the dialogue.



12. Next, after Windows begins searching for the USB port driver, a device will appear with a yellow triangle just as before in the Device Manager. Repeat the procedures you just performed starting at step 6 and install the driver software just as before.
13. When the USB bus driver and USB port driver are installed, driver installation is complete.

● Confirm Device

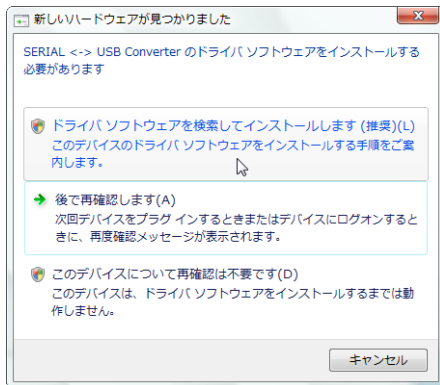
- Once the drivers are installed, confirm the device port number. Refer to installation steps 4 and 5, and open the Device Manager.
- In Device Manager, confirm that the name of the installed device is in Universal Serial Bus Controller. Also, confirm that the name of the installed device is in the Port (COM and LPT) section, and confirm the COM port number (in the example, DUAL USB ADAPTER HS is set as COM3).



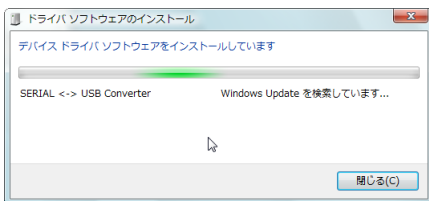
Windows Vista

Install Driver File

1. Insert the setup CD-ROM with KO_Driver_2015 into the drive. Or, save the downloaded file in an appropriate folder, and then decompress the compressed file.
2. When the device is inserted into the USB port, USB bus driver installation will begin automatically, and the “Found New Hardware” dialogue will be displayed, so select “Locate and install driver software (recommended) (L).”



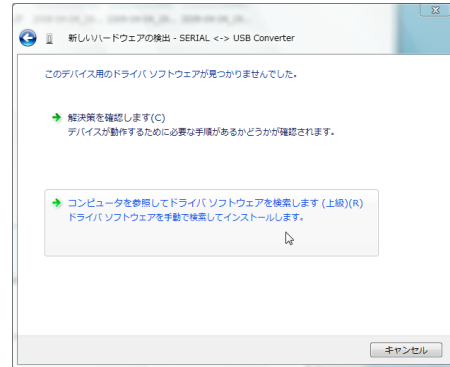
3. When the driver software begins to be installed, the “Searching Windows Update” dialogue will appear in the lower-right of the desktop (click the balloon help for it to display). You may have to wait a few moments for the next dialogue to appear.



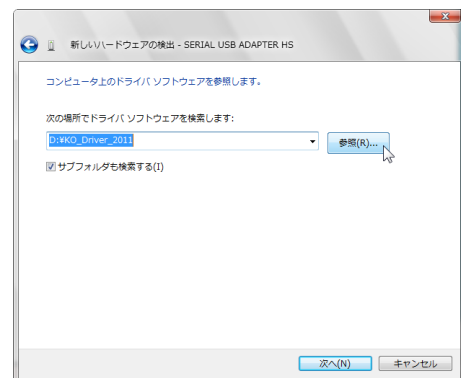
4. The dialogue “Insert the disk that came with your device” will be displayed, so if the driver CD-ROM is already inserted or KO_Driver_2013 has been installed previously, click the “Next” button. If specifying the folder where the driver file has been saved (KO_Driver_2015) to install, click “I don’t have a disk. Show me other options (I)” and press the “Next” button.



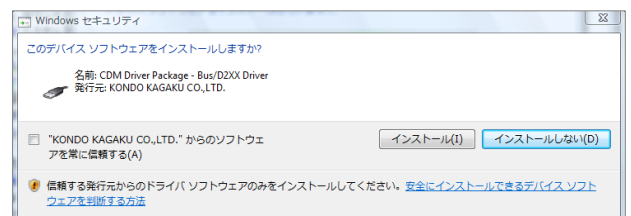
5. If you selected “I don’t have a disk. Show me other options (I)” in step 4, or the driver file was not found on the CD-ROM, etc., “Windows could not find driver software for your device” will be displayed, so select “Browse my computer for driver software (advanced) (R).”



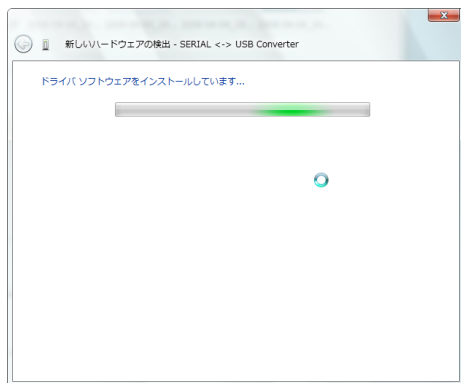
6. When the “Browse for driver software on your computer” dialogue is displayed, press the “Browse (R)” button and specify the “KO_Driver_2015” folder. Once you’ve specified the folder, press the “Next” button.



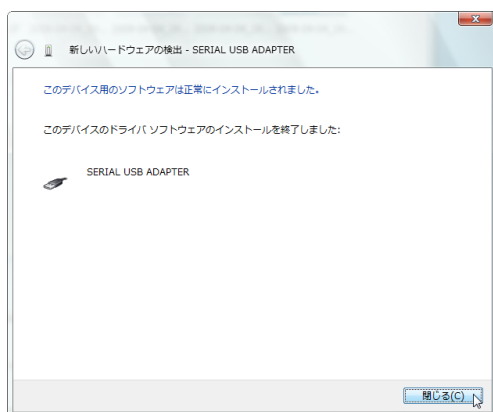
7. When the driver software is found, the “Windows Security” dialogue will be displayed, so select “Install.”



- 8 . Installation of the driver software will begin.



- 9 . When installation is complete, “The software for this device has been successfully installed” will be displayed. The name of the device installed will be displayed in the dialogue.



- 10 . Next, installation of the USB port driver will commence, so repeat the procedures starting from step 3 and install the driver software.

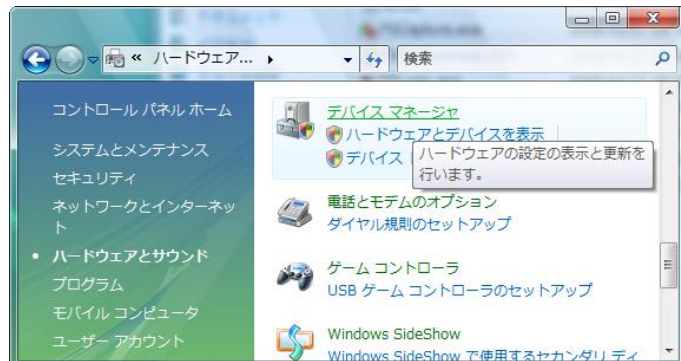
- 11 . When the USB bus driver and USB port driver are installed, driver installation is complete.



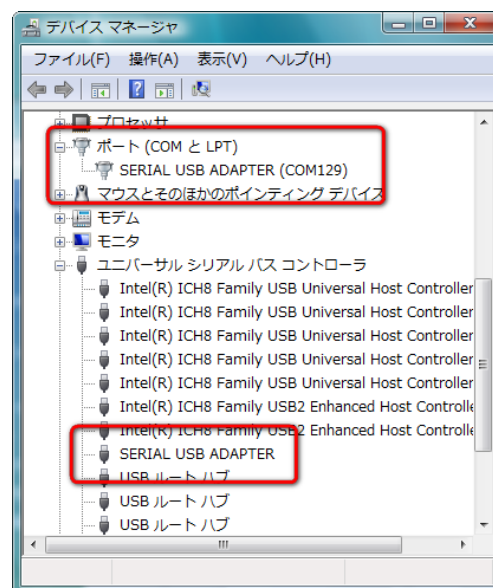
Confirm Device

- 1 . Once driver installation is complete, confirm the device port number. With Windows Vista, open the Control Panel and select “Hardware and Sound.”

- 2 . Next, open Device Manager.



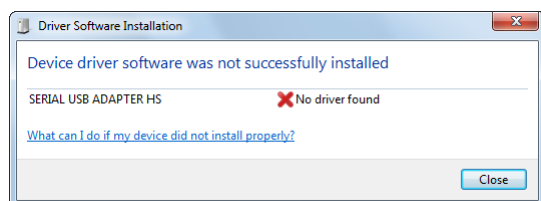
- 3 . In Device Manager, confirm that the name of the installed device is in the Universal Serial Bus Controller section. And, confirm that the name of the installed device is in the “Port (Com and LPT)” section, and confirm the COM port number (COM129 in the example).



If the Driver Fails to Install

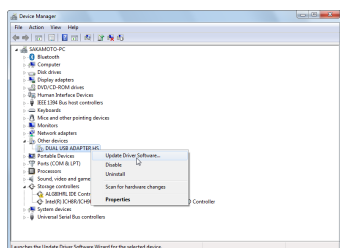
If KO Driver installation fails, use Device Manager and install it with the following procedures.

- 1 . If device installation fails, the following warning will be shown (the screen is from Windows 7).



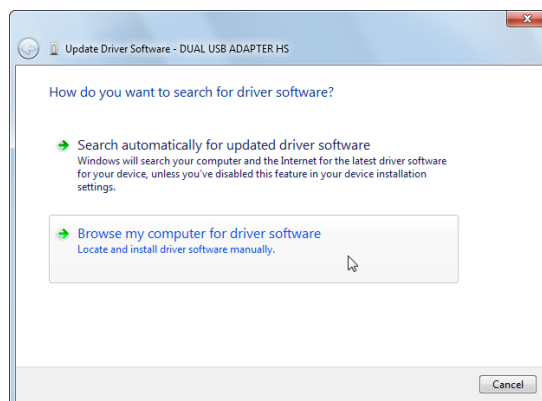
- 2 . Open Device Manager on the Control Panel, and right-click the device name with the yellow warning icon displayed.

- 3 . From the right-click menu, select "Update Driver Software."



- 4 . Select "Browse my computer for driver software."

- 5 . "Found New Hardware Wizard" will launch, and when the "Browse for driver software on your computer" is displayed, press the "Browse (R)" button and specify the "KO_Driver_2015" folder. When you've specified the folder, press the "Next" button, and from there, install the software following the same procedures.



Uninstall Drivers (All Versions)

- 1 . Remove the KONDO USB device from your computer.
- 2 . Double-click "CDMuninstallerGUI.exe" in the KO_Driver_2015 folder to open the file.
- 3 . Enter "165C" in the Vendor ID box and the PID number of the device to be uninstalled in the Product ID box. For the PID number, refer to Table 1 "List of Compatible Devices and Device IDs" on p. 2 of this guide. The figure at right shows an example when uninstalling "SERIAL USB ADAPTER."
- 4 . After entering the Vendor ID and Product ID boxes, press the "Add" button and register the device to be uninstalled. If uninstalling multiple device drivers, add to the list by repeating steps 3 and 4.
- 5 . Press the "Remove Devices" button at the bottom of the window. When the installed devices are found, the uninstall will begin. When "Device removed from system." is displayed, the uninstall is complete. It may take a few moments to find the devices.

