

Driver Software for USB Camera Module

INSTALLATION MANUAL

- Read this instruction manual carefully before using the product.
- Attempting to operate this product by methods different from those described in this instruction manual may cause serious accidents.
- Keep this instruction manual near the product for easy reference when needed.

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HAMAMATSU

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Introduction

This software installs the driver software for the USB(Universal Serial Bus) camera module control. This manual describes the installation method of the USB camera module to the PC using Windows.

Please refer to this manual while performing setup.

Recommended specifications

The following specified environment is recommended for the software.

CPU

32Bit(x86) processor of 1GHz or higher

RAM

256MB or higher

Operating system(OS)

Microsoft® Windows® 2000 (Service Pack 4 or higher)

Microsoft® Windows® XP (Service Pack 2 or higher)

* Microsoft® Windows® XP 64Bit (x64) is not included.

Interface

USB2.0 compliant.

Drive device

CD-ROM drive or DVD drive.

* For install.

Attached software

The following installer of driver software is included in the accompanying CD.

USBCamIFInstaller.exe

It explains the setup procedure of the driver software.

4.1 Installation and Setup of driver software

About the setup of the driver software

- 1) Installation of driver software
- 2) The setup of the driver software

are operated.

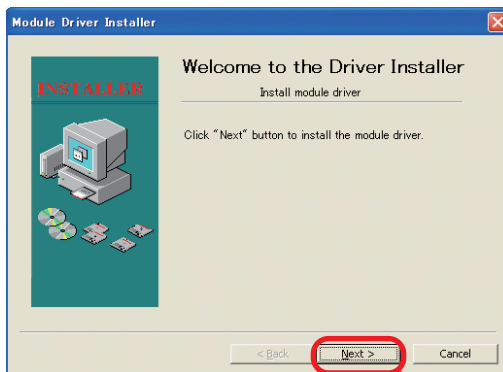
The installation of the driver software uses related installer software.

The required installer software is included in this CD, please install according to the following procedure.

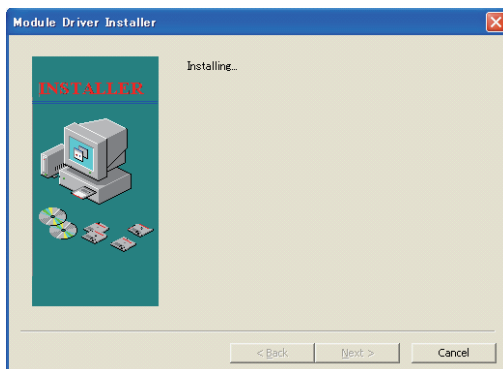
4.1.1 Installation of driver software

The driver software is installed in the computer.

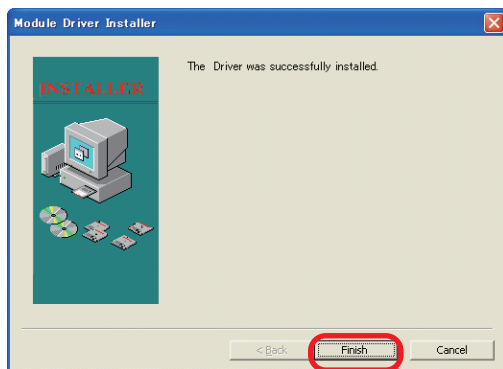
1. The installer is started.
Execute the installer file "USBCamIFInstaller.exe" included in this CD.
2. After the installer starts, install according to the installation wizard.
The installation of the driver software begins on clicking the "Next" button on the wizard.



3. It takes a while for the installation procedure to complete.



4. On successful completion, the message as shown in the figure below is displayed. Click the "Finish" Button.
The wizard is closed and successful installation of the driver software is completed.



Click

4.1.2 Setup of Driver Software.

Setup of installed driver software.

(1) Connect the PC to the USB camera module with the USB cable.

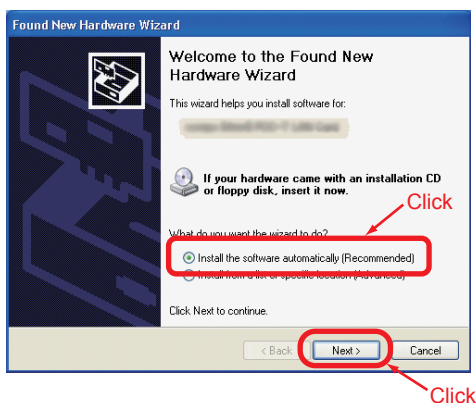
Please turn on power when the USB camera module equipped with the power supply unit is used or an external power supply is used.

(2) Setup of driver software.

The connected USB camera module is detected as "New hardware", and the driver software is set up automatically. However, screen of the detection of "New hardware" and "Detection wizard of new hardware" might be displayed by the environment (difference of OS) used. In that case, please set it up by the following procedures.

1. Detection wizard of new hardware

Click the "Install the software automatically [Recommended]" radio button to select it and click the "Next >" button.

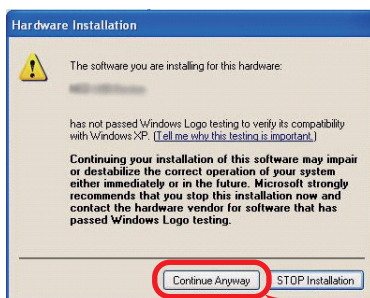


The driver software is detected as important software, and the installation begins automatically.

2. Screen when setup is being executed

Moreover the window as shown below might be displayed while installing the driver software.

It is a warning that driver software currently being installed does not pass the authorization test of the Windows logo. Since there is no problem in operation, click "Continue Anyway" button.

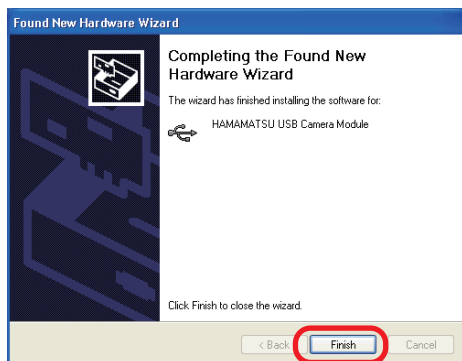


3. Setup completion screen

To "Detection wizard of new hardware" screen when the setup is completed

- Completing the found new Hardware Wizard.
- AMAMATSU USB Camera Module.

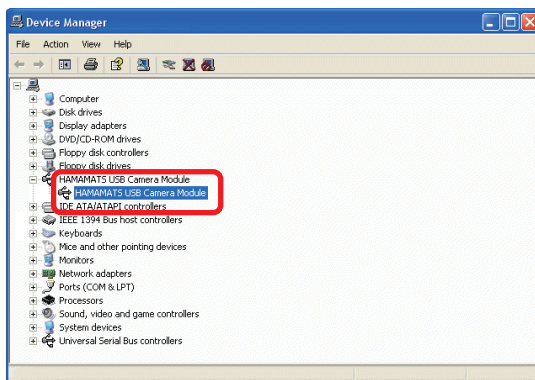
When displayed, click the "Finish" button. The setup of the driver software is completed.



(3) Confirmation of driver software setup

The successful installation of the driver software can be confirmed from the "Device Manager".

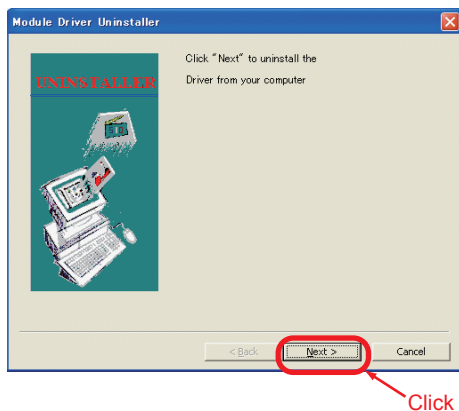
After the driver is installed right click on "My Computer" and select "Properties". The "System Properties" window will be displayed. In this window, click the "Hardware" tab and then click the "Device Manager" button. Check whether "HAMAMATSU USB Camera Module" is displayed in the device manager window.



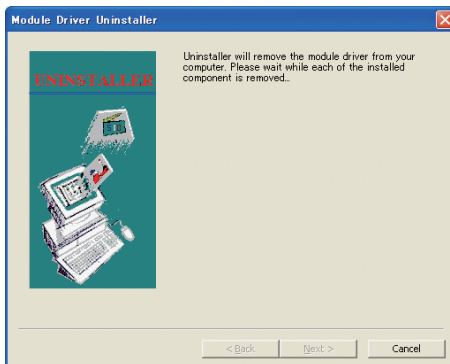
4.2 Uninstallation of driver software

The method to uninstall the driver already installed (And set up) is mentioned as follows. Uninstall the software driver using "Add or Remove Programs"(*1) from the "Control Panel".

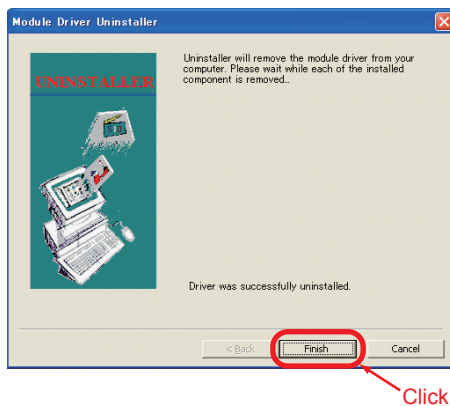
1. Select "Control Panel" from the "Start Menu" or "Settings" option of the "Start" menu.
2. Click on "Add or Remove Programs" present in the "Control Panel".
* As per the Operating System, the name of the location differs.
"Add/Remove Programs" for Windows® 2000.
"Add or Remove Programs" for Windows® XP.
3. Select "HAMAMATSU CCD Signaling Process Module" from the displayed list.
The uninstallation of driver software starts as "Change/Remove"(*2) button is clicked.
After that, continue according to the uninstallation wizard.
4. When the "Next" button on the wizard is clicked, the uninstallation of the driver software begins.



5. It takes a while until the uninstallation procedure is completed.



6. When the uninstallation of the driver software completes successfully, dialog is displayed, click the "Finish" button.
The wizard is closed, and uninstallation of the driver software is complete.



4.3 Important note on setup of the driver software

When renewing the driver software to newer version or installing old version used earlier, please do so only after carrying out uninstallation of current version as per the "4.2 Uninstallation of Driver software" mentioned above.

Document History

| Date | Document Revision | Contents |
|-------------|-------------------|------------------------|
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USB Camera Module Control Driver Software Installation Manual

Manufacturer

Hamamatsu Photonics KK

Head Office

1126-1, Ichino-Cho, Higashi-Ku, Hamamatsu-City, Shizuoka Pref., 435-8558, Japan

Phone:(81)53-434-3311

Fax:(81)53-434-5184

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