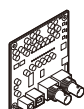


C11160/C11165 Driver Circuit for CCD Linear Image Sensor

Components

(1) Circuit Board × 1



(2) Power Supply Cable × 1



(3) USB Cable × 1



(4) Quick Manual × 1



(5) CD (Software Installer) × 1



- _USB Camera Module Control Driver for Windows
- _Driver Circuit for Image Sensor Control Library for Windows
- _Driver Circuit for Image Sensor Control Software for Windows
- _Various Operation manuals
 - _C11160/C11165 Driver Circuit for CCD Linear Image Sensor Instruction Manual
 - _USB Camera Module Control Driver Install Manual
 - _Driver Circuit for Image Sensor Control Library Function Specifications
 - _Driver Circuit for Image Sensor Control Software Instruction Manual
 - _C11160/C11165 Driver Circuit for CCD Linear Image Sensor Quick Manual (This Manual)

Precautions

- (1) Do not allow any penetration of Liquids into the Circuit Board. Danger of causing Circuit Board malfunctions.
- (2) Do not use in Combustible Environment (Combustible Gases, High-density Oxygen, etc.).
- (3) Maintenance and Repair to be performed only by the Maker or by technicians authorized by the Maker.
- (4) Do not twist, bend or cut the cables. May cause damages.
- (5) Do not take it apart or perform modifications under any circumstances. May cause malfunctions.
- (6) Do not subject to excessive shocks (dropping, collision, etc.). May cause damages or malfunctions.
- (7) Please study the method of use of this product before using.

For other precautionary measures, refer to the "C11160/C11165 Driver Circuit for CCD Linear Image Sensor Instruction Manual"

Hamamatsu Photonics KK

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Phone: (81)53-434-3311

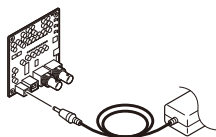
Fax: (81)53-434-5184

Setup

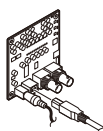
1. Equipment connection

Connect each of the equipment by to the flowing procedure.

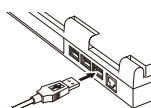
(1) Connect the Power Supply cable to the connector.



(2) Connect the "B connector" of the USB cable to the "USB connector" of the Circuit Board.



(3) Connect the "A connector" of the USB cable to the "USB connector" of the PC.



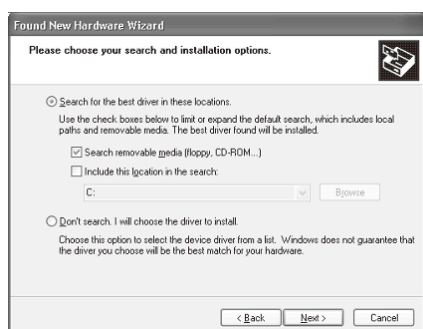
2. Installation of Driver software (case of WindowsXP)

(1) When PC is started after the completion of "1. Equipment connection", "Found New Hardware Wizard" is started, confirm that "HPK xxxxx" (xxxxx: Product number) is displayed, click the radio button for "Install from a list location (Advanced)" and click "Next>".



*example of "C10785".

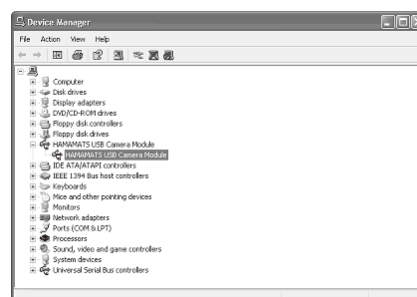
(2) In the "Select Search and Install Options" window, click the radio button for "Search for the best driver in these locations", select the suitable driver in the following locations, select the checkbox for "Search removable media (Floppy, CD-ROM,...)" and click "Next>".



(3) After the necessary files are copied, confirm the "Completing Found New Hardware Wizard" and "HAMAMATSU USB Camera Module" screens and then click "Finish". This completes the driver installation.



(4) After the installation is complete, right-click on "My Computer" and select "Properties". The "System Properties" will be displayed, open the "Device Manager" in the "Hardware" tab and confirm that "HAMAMATSU USB Camera Module" is displayed.



For more information on how to install the Software, see the "USB Camera Module Control Driver Installation Manual".

3. About installation of Application software.

To use this product, the control of the Circuit Board is performed by the supplied application software.

Please refer "Driver Circuit for Image Sensor Control Software Instruction Manual" inside the include CD-ROM for the installation method and method of the supplied application software.