

UCAM-E1C10 Series

UCAM-G1C10 Series



SETUP GUIDE

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PC Camera Installation and Setup

This chapter explains how to install the included Driver Utility and connect the PC camera to a PC. The PC camera operates also as a TWAIN device that can be used with Adobe Printshop and Microsoft Imaging. These image processing applications enable you to take VGA size still pictures with the PC camera.

● Driver Utility Installation

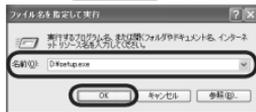
This procedure explains how to install the Driver Utility first and then connect the PC camera.

- 🔧 **DirectX 8.1 or later is required to run the Driver Utility. If not already installed, use Windows Update or other means to install DirectX. Using Windows Update installs the latest version (as of October 2004), DirectX 9.0c.**

Install the Driver Utility before connecting the PC camera to the PC. If done the other way around by mistake, cancel installation of the displayed USB device, disconnect the PC camera and install the Driver Utility.

Installing in Windows XP

- 1. Load the Install Disk into the CD-ROM drive.**
- 2. Click on " ファイル名を指定して実行 …" in the Start menu and, when the 「ファイル名を指定して実行」 window appears, type "D:\setup.exe" into the text box and click on the **OK** button.**



- 🔧 "D" is the CD-ROM drive of your PC. Normally, it is the D drive.

- 3. Click on the **次へ (H)** button.**



4. Select "完全" and then click on the  button.



5. Click on the  button. Installation will begin.

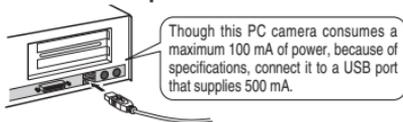


6. Click on the  button.



7. Peel off the sticker from the USB connector of the PC camera.

8. Plug the USB connector of the PC camera into a USB port of the PC.



-  The PC camera may be connected and disconnected while power to the PC is ON.
-  Do not try plugging the USB connector in upside-down.

This completes Driver Utility installation.
Next, check that the Driver Utility was correctly installed. Go to pg. 10.

Installing in Windows 2000

1. Load the Install Disk into the CD-ROM drive.
2. Click on " ファイル名を指定して実行 ..." in the Start menu and, when the 「ファイル名を指定して実行」 window appears, type "D:\setup.exe" into the text box and click on the **OK** button.



☞ "D" is the CD-ROM drive of your PC. Normally, it is the D drive.

3. Click on the **次へ (N)** button.



4. Select "完全" and then click on the **次へ (N)** button.



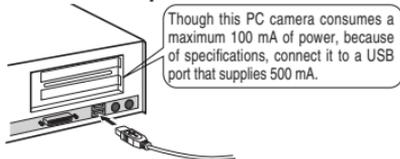
5. Click on the **インストール** button. Installation will begin.



6. Click on the **完了** button.



7. Peel off the sticker from the USB connector of the PC camera.
8. Plug the USB connector of the PC camera into a USB port of the PC.

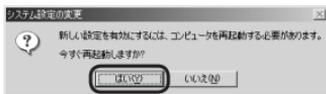


- ☞ The PC camera may be connected and disconnected while power to the PC is ON.
- ☞ Do not try plugging the USB connector in upside-down.

9. Click on the  button.



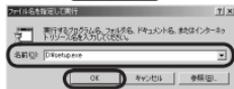
**10. Click on the  button.
The PC will restart.**



**This completes Driver Utility installation.
Next, check that the Driver Utility was correctly
installed. Go to pg. 10.**

Installing in Windows Me

1. Load the Install Disk into the CD-ROM drive.
2. Click on "ファイル名を指定して実行..." in the Start menu and, when the 「ファイル名を指定して実行」 window appears, type "D:\setup.exe" into the text box and click on the  button.



 "D" is the CD-ROM drive of your PC. Normally, it is the D drive.

3. Click on the  button.



4. Select "完全" and then click on the  button.



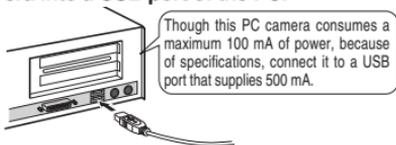
5. Click on the  button. Installation will begin.



6. Click on the  button.



7. Peel off the sticker from the USB connector of the PC camera.
8. Plug the USB connector of the PC camera into a USB port of the PC.



The PC camera will be recognized automatically.

-  The PC camera may be connected and disconnected while power to the PC is ON.

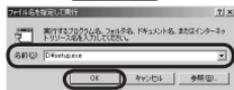
 Do not try plugging the USB connector in upside-down.

This completes Driver Utility installation.

Next, check that the Driver Utility was correctly installed. Go to pg. 10.

Installing in Windows 98/98SE

1. Load the Install Disk into the CD-ROM drive.
2. Click on "ファイル名を指定して実行..." in the Start menu and, when the 「ファイル名を指定して実行」 window appears, type "D:\setup.exe" into the text box and click on the **OK** button.



 "D" is the CD-ROM drive of your PC. Normally, it is the D drive.

3. Click on the **次へ (N>)** button.



4. Select "完全" and then click on the **次へ (N>)** button.



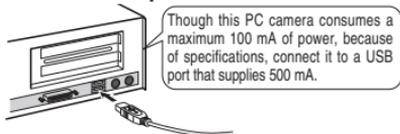
5. Click on the **インストール** button. Installation will begin.



6. Click on the **完了** button.



7. Peel off the sticker from the USB connector of the PC camera.
8. Plug the USB connector of the PC camera into a USB port of the PC.



-  The PC camera may be connected and disconnected while power to the PC is ON.
-  Do not try plugging the USB connector in upside-down.

**This completes Driver Utility installation.
Next, check that the Driver Utility was correctly
installed. Go to pg. 10.**

● Installation Check

This procedure explains how to check whether the Driver Utility was correctly installed or not.

1. Connect the PC camera to the PC.
2. Click on "プログラム" >> "ELECOM UCAM-E1C10&EG1C10 series" >> "AMCap" from the Start menu.

The AMCap video capture tool will start up.

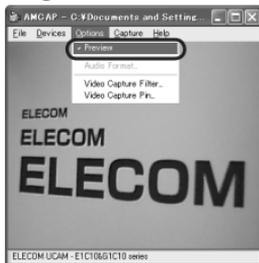
3. If an error message appears, click in the  button.



4. Click on the Device menu and verify that a checkmark appears next to "ELECOM UCAM-E1C10G1C10 series". If it does not, click on it so that a checkmark appears.



5. Click on Preview in the Option menu to add a checkmark to the item. The camera image will be shown.



The camera image means the Driver Utility was correctly installed and the PC camera is working properly.

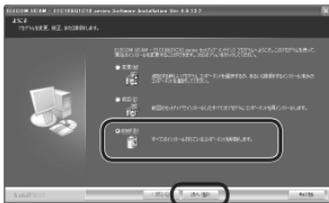
● Driver Utility Uninstallation

This procedure explains how to uninstall the installed Driver Utility. **If the Driver Utility is no longer needed**, uninstall it as follows.

1. If using Windows XP, click on "すべてのプログラム" >> "ELECOM UCAM-E1C10&G1C10 series" >> "Uninstall" from the Start menu. If using Windows 2000/Me/98SE/98, click on "プログラム" >> "ELECOM UCAM-E1C10 &G1C10 series" >> "Uninstall" from the Start menu.

The Installer will start up and the 「メンテナンス」 window will appear.

2. Check that "削除" is selected, then click on the  button.



3. Click on the  button.



Uninstallation will begin.

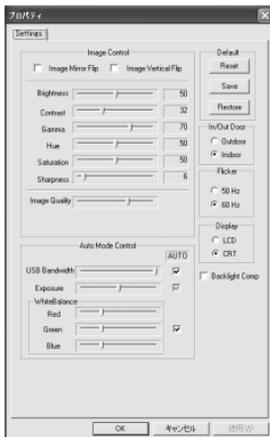
4. Select "はい、今すぐコンピュータを再起動します。", then click on the  button.



This completes uninstallation.

Image Adjustment

The Settings window of the USB camera can be called from the video capture application or the video chat application. This window is for setting brightness, white balance, etc.



- **Image Mirror Flip**
Inverts the image horizontally.
- **Image Vertical Flip**
Inverts the image vertically.
- **Brightness**
Adjusts the brightness.
- **Contrast**
Adjusts the difference between dark and bright areas so as to sharpen the image.
- **Gamma**
Sets the gamma of the camera image.
- **Hue**
Adjusts the hue.
- **Saturation**
Adjusts the color saturation.
- **Sharpness**
Brings out the contours in the camera image.
- **Image Quality**
Sets the image quality. Image quality is prioritized the farther to the right the bar is. If the PC cannot keep up with processing and the image becomes grainy, set the bar farther to the left.
- **USB Bandwidth**
Sets the bandwidth of the USB connection. Placing a checkmark in the checkbox sets bandwidth and adjusts the image quality automatically.
- **Exposure**
Sets the image exposure. Placing a checkmark in the checkbox sets the image exposure automatically.
- **WhiteBalance**
Sets the white balance. Placing a checkmark in the checkbox sets the white balance automatically.
- **In/Out Door**
Selects whether the PC camera is installed Outdoor or Indoor.

- **Flicker**

Sets the frequency if the light source flickers because of location.

- **Display**

Selects the type of display being used.

- **Backlight Comp**

Placing a checkmark in the checkbox brightens the image.

- **Reset**

Returns settings to their defaults.

- **Save**

Saves the current setup.

- **Restore**

Reads the saved setup.

■ Image Enlargement

The driver of this product has an image enlargement feature. It can enlarge an image of 320 x 240 resolution and display it at 640 x 480.

This feature can be used by setting 「出力サイズ」 to 640 x 480 from either the video capture application or video chat application.



Troubleshooting

What operating systems can this Driver Utility run on?

The Driver Utility can be used with Windows 98, Windows 98SE, Windows Me, Windows 2000 and Windows XP.

It cannot be used with Macintosh operating systems.

I connected the PC camera before installing the Driver Utility.

If the PC camera is connected by mistake before installing the Driver Utility, cancel installation of the displayed USB device, disconnect the PC camera and install the Driver Utility.

The image is blurred.

Normally, a camera of 100,000 pixel cannot display an image at a resolution of 640 x 480, but this product allows you to select a 640 x 480 resolution. When 640 x 480 has been selected, the image enlargement feature of this product automatically enlarges a 320 x 240 image and displays it at 640 x 480. For this reason, the image may appear blurred. There is nothing wrong with the product.

 With a 300,000 pixel camera, images can be displayed at 640 x 480 without using the image enlargement feature.

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