

# UCAM-E1C30T Series

# UCAM-B1C30T 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

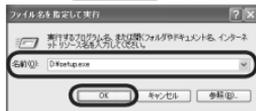
This procedure explains how to install the Driver Utility first and then connect the PC camera.

- 🔧 **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.

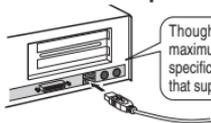


6. Click on the  button.



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** button.



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



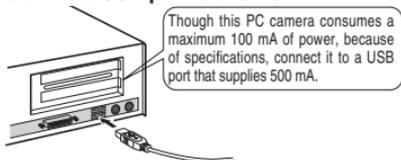
5. Click on the **インストール** button. Installation will begin.



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 「新しいハードウェアの検出ウィザード」 window will appear.

- ⚠ 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.

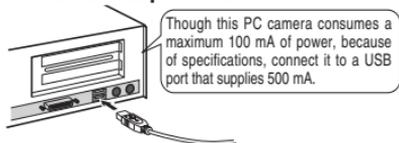


**6. Click on the  button.**



**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.

**9. Click on the  button.**



 If asked for the Windows Me CD-ROM, load the CD-ROM into the drive and click on the  button.

**10. Click on the  button.**



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  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.

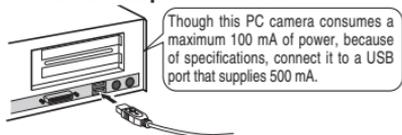
Installation will begin.



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 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 **次へ >** button.**



If asked for the Windows 98/98SE CD-ROM, load the CD-ROM into the drive and click on the **OK** button.

**10. Select "使用中のデバイスに最適なドライバを検索する" and click on the **次へ >** button.**



**11. Click on the **次へ >** button without placing a checkmark in any of the checkboxes.**



**12. Depending on your environment, the following windows will appear. Click on the **次へ >** button.**



**13. Click on the **次へ >** button.**



**14. Click on the **完了** button.**



**15. Click on the **次へ >** button.**



16. Select "使用中のデバイスに最適なドライバを検索する" and click on the **次へ >** button.



17. Click on the **次へ >** button without placing a checkmark in any of the checkboxes.



18. Click on the **次へ >** button.



19. Click on the **完了** button.



- If a conflicting version message appears, read it and click on the **はい** button.



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-B1C30&E1C30 series" >> "AMCap" from the Start menu.

The AMCap video capture tool will start up.

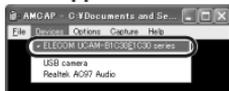


### Note

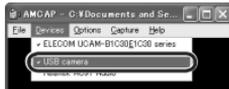
If a message like that at right appears, the Driver Utility was not correctly installed or the PC camera is not correctly connected to the PC. Click on the [OK] button and check whether the PC camera is correctly installed or not. If there is nothing wrong with how the PC camera is installed, the Driver Utility was not correctly installed. Therefore, disconnect the PC camera, uninstall the Driver Utility and repeat the procedure in "PC Camera Installation and Setup" of the Setup Guide.



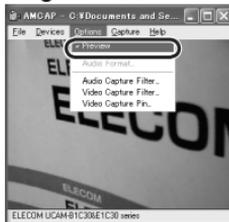
3. Click on the Device menu and verify that a checkmark appears next to "ELECOM UCAM-B1C30&E1C30 series".  
If it does not, click on it so that a checkmark appears.



4. Check that "USB camera" 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-B1C30&E1C30 series" >> "Uninstall" from the Start menu. If using Windows 2000/Me/98SE/98, click on "プログラム" >> "ELECOM UCAM-B1C30 &E1C30 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. Click on the  button.

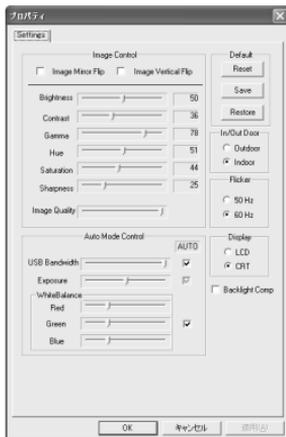


Depending on your environment, a message instructing you to restart the PC will appear.

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.

# 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.

## Audio is not input from the headset microphone/camera microphone.

With camera models that have a built-in microphone, like this product, there are two microphones available to users: the audio device's microphone and the camera's microphone. When a camera with a built-in microphone is connected and disconnected, the PC automatically changes the audio input device (i.e., microphone, etc.) selection.

	When not connected to a PC	When connected to a PC
Image input	Camera image	Camera image
Audio input	Microphone built into the PC (Headset)	Microphone built into the camera
Audio output	Speaker built into the PC (Headset)	Speaker built into the PC (Headset)

If the camera is disconnected from the PC after use, the PC automatically reengages the microphone built into the PC (headset) as the audio input. Normally when the driver for a camera with a built-in microphone has been installed and a camera with a built-in microphone has been connected to the PC, the microphone of the camera is automatically selected as the audio input device. To select an audio input device, such as a headset, when a camera with a built-in microphone is being used, perform the procedure on the following page.

## ■ Selecting an Audio Input Device with Windows XP

### 1. Connect the camera to the PC.

### 2. Select "コントロールパネル" from the Start menu.

The control panel will appear.

### 3. Select "サウンド、音声、およびオーディオデバイス" >> "サウンドとオーディオデバイス".

The「サウンドとオーディオデバイスのプロパティ」window will appear.

### 4. Click on the「オーディオ」tab.

The「オーディオ」tab will open.

### 5. Select a microphone (input device) under "既定のデバイス" in "録音".

Select which audio device to use as the microphone. In the window of this example, "AC97 Audio" has been selected. This is the microphone (headset) built into the PC.

### 6. Click on the button.

The「サウンドとオーディオデバイスのプロパティ」window will close.

### 7. Click on the button.

The「サウンド、音声、およびオーディオデバイス」window will close.

This completes the procedure. An input device has been selected when a camera with built-in microphone is connected to the PC.



## ■ Selecting an Audio Input Device with Windows 2000/Me

### 1. Connect the camera to the PC.

### 2. Select "設定" >> "コントロールパネル" from the Start menu.

The control panel will appear.

### 3. Double-click on the 「サウンドとマルチメディア」 icon.

The 「サウンドとマルチメディアのプロパティ」 window will appear.

### 4. Click on the 「オーディオ」 tab.

The 「オーディオ」 tab will open.



### 5. Select a microphone (input device) under "優先するデバイス" in "録音".

Select which audio device to use as the microphone. In the window of this example, "AC97 Audio" has been selected. This is the microphone (headset) built into the PC.



### 6. Click on the button.

The 「サウンドとマルチメディアのプロパティ」 window will close and the control panel will return.

### 7. Click on the button.

The control panel will close.

This completes the procedure. An input device has been selected when a camera with built-in microphone is connected to the PC.

## ■ Selecting an Audio Input Device with Windows 98

### 1. Connect the camera to the PC.

### 2. Select "設定" >> "コントロールパネル" from the Start menu.

The control panel will appear.

### 3. Double-click on the 「マルチメディア」 icon.

The 「マルチメディア」 window will appear.

### 4. Check the 「オーディオ」 tab has been selected.

### 5. Select a microphone (input device) under "優先するデバイス" in "録音".

Select which audio device to use as the microphone. In the window of this example, "SoundMAX Digital Audio" has been selected. This is the microphone (headset) built into the PC.



### 6. Click on the **OK** button.

The 「マルチメディアのプロパティ」 window will close and the control panel will return.

### 7. Click on the **X** button.

The control panel will close.

This completes the procedure. An input device has been selected when a camera with built-in microphone is connected to the PC.

-MEMO-

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**ELECOM**