

PC camera

User's Manual



PHILIPS

PACKAGE CONTENTS

The package comes with the following items:



PC Camera

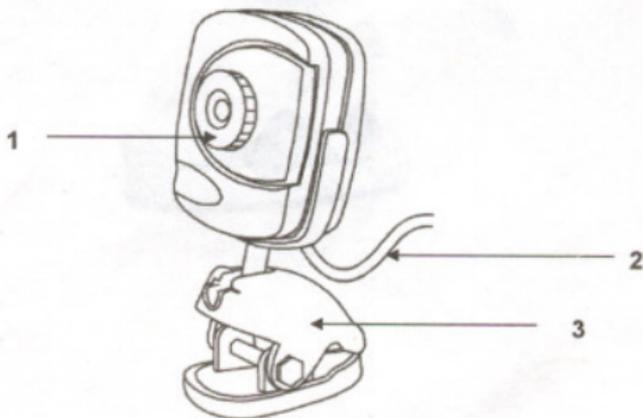


Installation CD



User's Manual

LOCATION OF CONTROLS



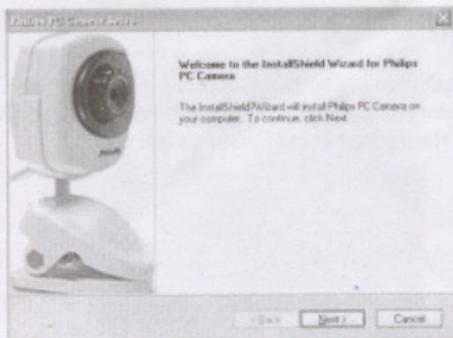
1. Focus Ring – Manual Focus
2. USB Cable
3. Swivel Mounting Clamp

GETTING STARTED

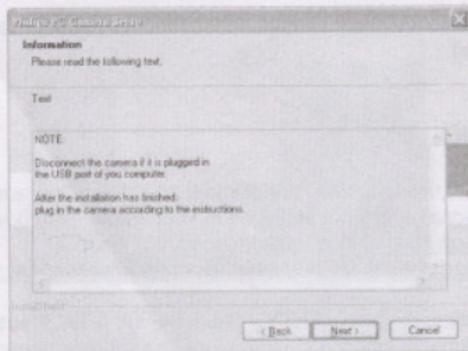
IMPORTANT:

To avoid installation problems, please install the PC camera software before connecting the PC camera to your PC or running the Installation CD.

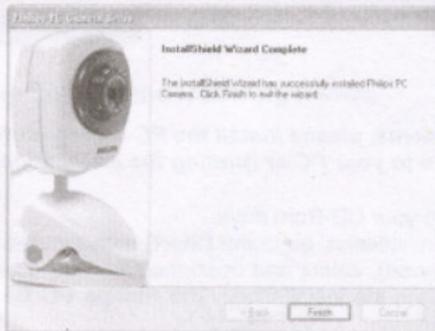
1. Insert the CD-Rom into your CD-Rom drive.
2. To start the software installation, go to the **[Start]** menu on the Windows desktop, click **[Start]**→ **[Run]**→**[Browse]**, select and open the CD-Rom drive, then double click the **[setup.exe]** file to initiate the installation. The **Philips PC Camera Setup** wizard will appear, then click Next:



3. Follow the instructions on the screen and click Next to continue:



4. The screen below will appear if installation is successful. Click **Finish** to close the setup wizard.



CONNECTING YOUR PC CAMERA

1. After the software installation is complete, you can connect the PC camera to your computer. The computer will detect the camera device named [**ICatch (VI) PC camera**] and a New Hardware Found Message will appear.



2. The Philips PC Camera software will be located on the [Start] menu → [Programs] → [Philips PC camera].

VIDEO CONFERENCING

1. The PC camera is now ready to use for net meeting / video conferencing.
2. If the net meeting programs are not included in your Explorer®, download "NetMeeting" from <http://www.microsoft.com> or "Yahoo® Messenger" from <http://messenger.yahoo.com> or MSN Messenger <http://messenger.msn.com>

Remark: Windows Messenger, YAHOO! Messenger, MSN Messenger, Microsoft NetMeeting are trademarks belonging to their respective owners.

3. Connect your PC camera and start the net meeting programs. You can see your friends and families if they are on the same net meeting program and have the web camera set up.

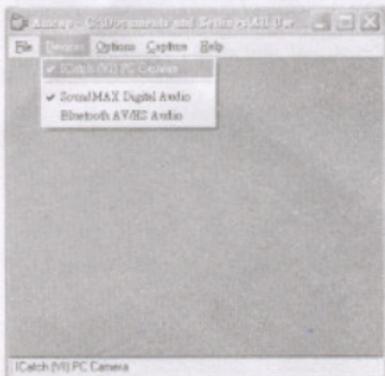
Remark: Please check your PC to determine possible availability of a microphone jack. If the jack is not available, then a USB microphone is also an option. If USB ports are all in use then a hub will allow expansion of available USB ports.

RECORDING VIDEO /CAPTURING IMAGE

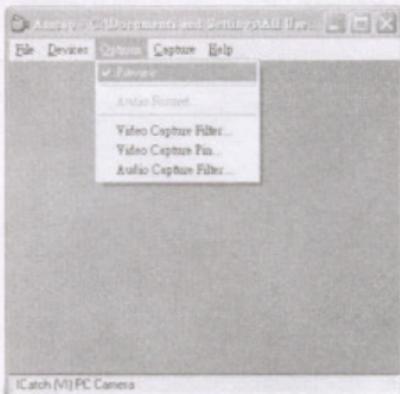
The installed software allows recording video or capturing image when the PC camera is connected to the computer.

1. Go to **[Start]** menu → **[Programs]**→ **[Philips PC camera]**→ open **[AMCAP]**
2. A live image will display on the AMCAP screen.
3. If no live video appears, check below conditions:

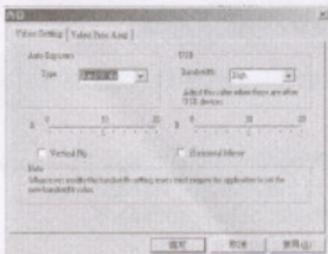
*Check if the device **[ICatch (VI) PC Camera]** is selected as below:



*Make sure the **[Preview]** option is selected.

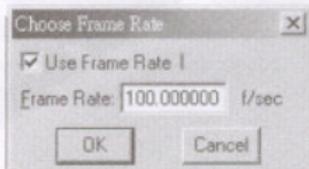


4. Remember to click the correct frequency (50 Hz or 60Hz). Flickering occurs if wrong frequency is applied. To adjust the frequency, go to "Option" from "AMCAP". Click Video capture filter and choose "50Hz" or "60Hz" under Auto Exposure.



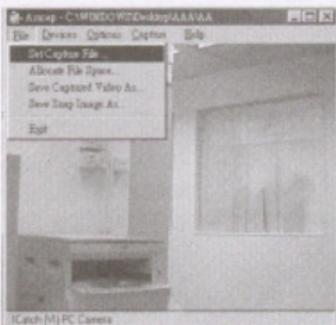
Remark: 60Hz is recommended to use in North America.

- To set frame rate, go to **[Capture]** and click **[Set frame rate]**.

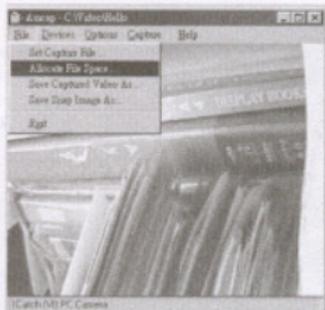


VIDEO RECORDING

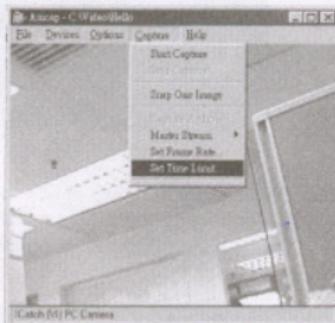
- Please set up the directory to which the file will be saved. Go to **[File]** → select **[Set Capture File]**. Then select a directory and name a new file to save the video. Click **[Open]** to save the link.



- You can set the maximum recording file size by selecting **[Allocate File Size]** under the **[File]** menu.



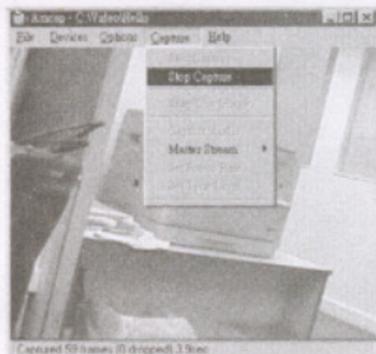
3. To set the recording time of the video, go to **[Capture]** → **[Set Time Limit]**.



4. Go to **[Capture]** menu and select **[Start Capture]** → click **[OK]**. It will then start the video capturing.



5. Press **[Esc]** on the computer keyboard whenever you want to stop, or go to **[Capture]** menu and select **[Stop Capture]**.



6. Go back to the directory you set and double-click the saved video file to launch the media player for viewing video.
7. You can email the captured video to your friends / family by selecting the file you want to send, then right click your mouse, select **[send to]** → go to **[Mail Recipient]**. It will launch your email application and attached your selected file to your email accordingly.

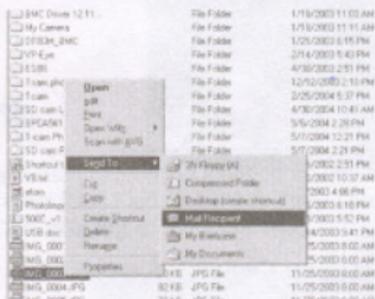
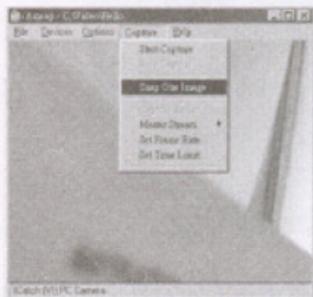


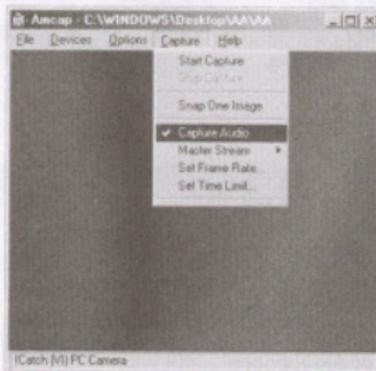
IMAGE CAPTURING

To capture an image from Live video, go to **[Capture]** → **[Snap one image]** → **[Save]**.



RECORDING AUDIO

1. If your laptop has a built in microphone, or if you had installed a microphone on your home PC, you are able to capture the audio while recording the video. The voice will be attached in the same Captured video file.
2. Go to **[Capture]** menu → select **[Capture Audio]**. Then click **[Start Capture]** to start recording video. You can then record your voice at the same time.



Remark: Please check your PC to determine possible availability of a microphone jack. If the jack is not available, then a USB microphone is also an option. If USB ports are all in use, then a hub will allow expansion of available USB ports.

HELPFUL HINTS AND CAMERA MAINTENANCE

Troubleshooting:

1. The camera does not work:

*Make sure you have connected the camera correctly into an available USB port or hub.

2. "No capture device found" message appears:

*Make sure the camera is connected properly to the computer.

*Select **[My Computer]** → right click your mouse → select **[Properties]** → **[Device]** → **[Device Manager]** → **[Image Device]**. Check to see if the PC camera device name **[iCatch (VI) PC camera]** is listed. If not, try reconnecting the camera to the computer.

If there is a **[?]** appears on the name **[iCatch (VI) PC camera]**, it means the USB device is not installed properly. Select the **[iCatch (VI) PC camera]** device and remove it. Unplug the camera and uninstall the camera driver by selecting the **[Philips PC camera]** on the Programs menu, then choose **[Uninstall]** in the sub-menu.

3. "Camera not connected" message appears:

*Try removing the driver and reinstalling the software.

The following hints will help you achieve the best results with your camera:

Camera Placement:

- Position the camera so that the subject is at the centre.
- Place the camera on a steady surface lighting.
- Use sufficient lighting.
- Place the light source behind the camera and facing the subject.
- Maintain a consistent lighting environment. Do not mix fluorescent and other light types.
- Do not aim the camera directly at the light source.
- Focus for a sharper image.

Camera Maintenance:

Maintaining your camera will ensure longer life and will minimize the chances of causing damage to your camera and computer.

- Keep the camera away from moisture and extreme temperature.
- Clean the outside of the camera with a clean, dry cloth.
- Never use harsh or abrasive cleaners or organic solvents on camera or on any of its parts.
- Never disassemble or touch the inside of the camera.

To Clean Your Camera Lens:

- Blow gently on the lens to remove any dust and/ or dirt.
- Moisten the lens by breathing lightly on it.
- Wipe the lens gently with a soft lint-free cloth
- Do not use a cleaning solution unless it is designed specifically for camera lenses.
- Do not wipe camera lens with chemically treated eyeglass lens tissues. This may scratch lens.
- Service and repair may only be done by qualified technician.

PC CAMERA SPECIFICATIONS

- Image sensor: 100K Pixels
- CMOS sensor
- Video Conferencing mode
- USB interface
- Lens: f/2.8
- Frame rate: 24f/s @352 x 288
- Unit size: 1.85" x 1.95" x 4"(W x D x H)
- Weight about 80g

SYSTEM REQUIREMENTS

- Available Universal Serial bus (USB port of hub)
- Desktop or notebook PC with a Pentium 200MHz or higher
- Windows 98SE / ME / 2000 / XP operating system
- 50MB available hard disk space
- 64MB RAM recommended
- CD Rom drive

Specifications are subject to change without notice.

For technical support, please call toll free number 866-892-4765.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced technician for help.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.