

USB MiniCam for Mac



www.lindy.com



Thank you for purchasing the LINDY USB MiniCam. This MiniCam is a high-resolution web camera with a built-in microphone. A single USB cable connects the camera to your computer for audio and video, so there's no need for a separate untidy microphone cable.

Features

- USB Webcam with high quality 350k Pixel CMOS sensor for smooth, clear images
- Built-in USB microphone
- Allows you to capture still pictures, video and audio
- Ideal for use with video conferencing software
- Adjustable focus glass lens: 3cm to infinity
- Resolution: up to 640 x 480
- Captures video at up to 30fps
- Snapshot function
- Flexible neck for easy positioning
- IR and white illumination LEDs for use in low light conditions
- Interface: USB 1.1 Full Speed, USB 2.0 compatible
- Software compatibility: Windows 98SE/ME/2000/XP & Mac OS X v10.1 or later
- Mac system requirements: PowerPC G3/G4/G5 or Intel based Mac with a minimum 128MB RAM

Package Contents

- USB 2.0 MiniCam
- Driver and Manual CD

Product Information



Important! Install the drivers BEFORE connecting the camera to your Mac.

1. Insert the driver CD, the installation application will automatically launch.
2. Click the installation application, and follow the on-screen instructions to install the MiniCam driver software.
3. When the installation software has installed, connect the MiniCam to a USB port on your Mac.
4. The **WebCam Monitor** icon will be placed on your desktop, click on it to launch the application.

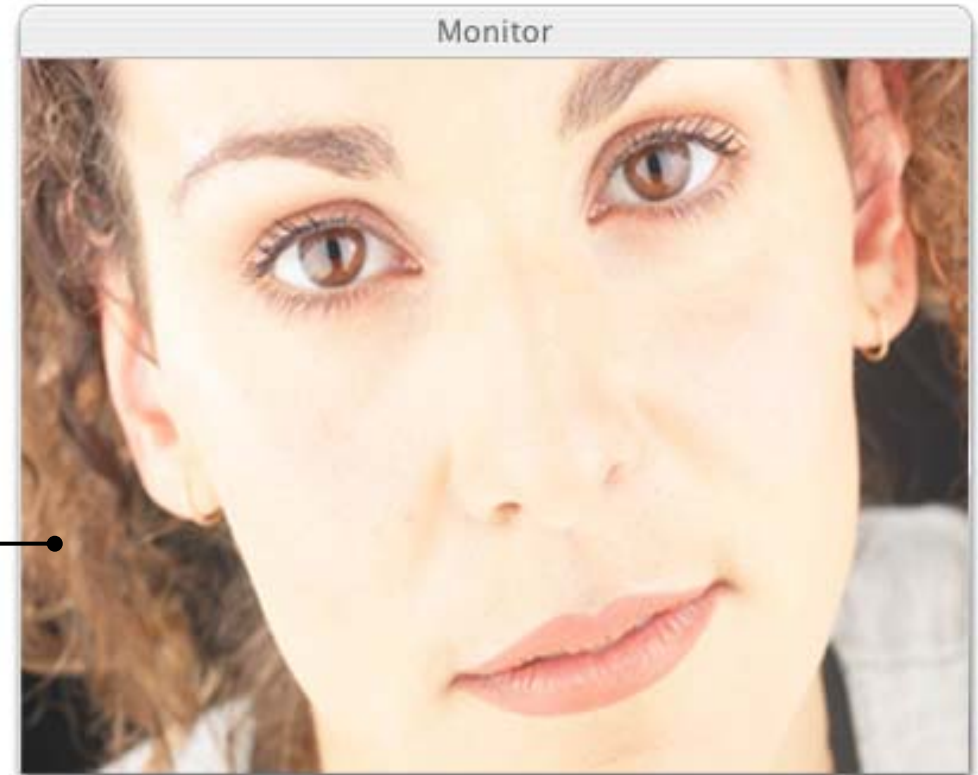


About WebCam Monitor

WebCam Monitor is a Mac OS X application that can preview and record video from your USB MiniCam.

Monitor Window

Once the application has launched, you will see a monitor window. The window will display the output from the MiniCam. You can rotate the camera lens to focus and switch the white LEDs on for use in low light conditions.



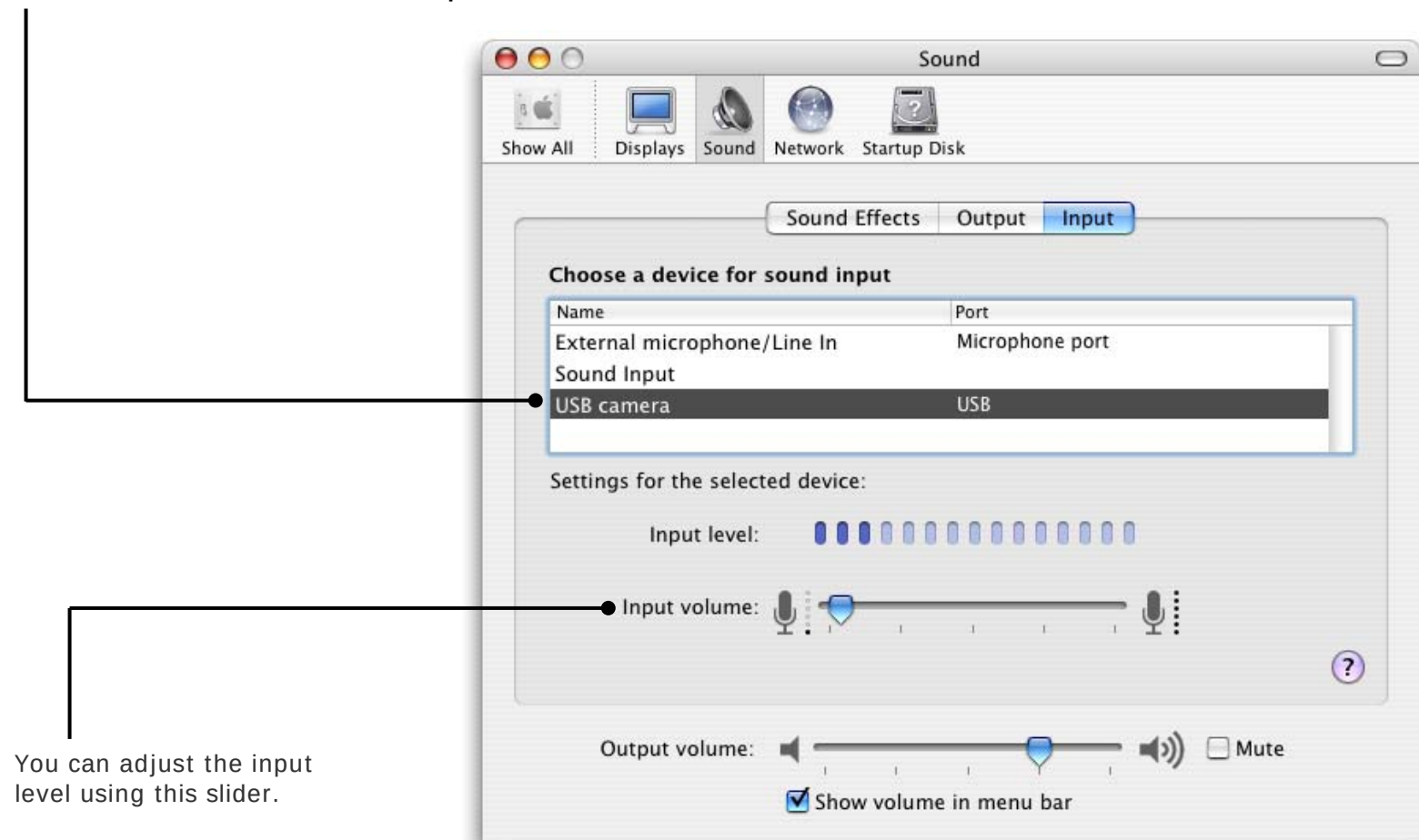
Press this button to switch the white LEDs on; press again to switch off.

Rotate the lens to focus.



Setting up the microphone

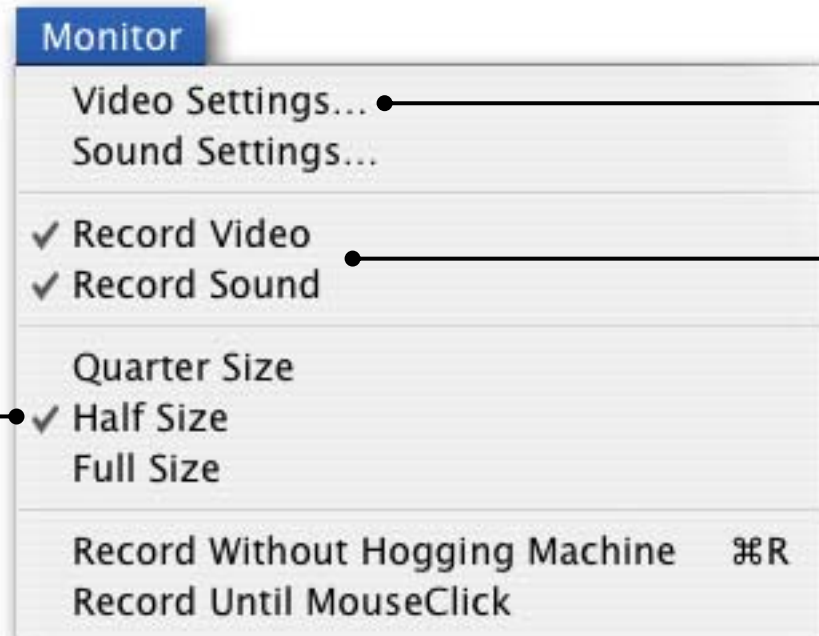
Open **System Preferences** from the **Apple** menu, choose **Sound** and select **Input**. Ensure that **USB Camera** is the selected device for sound input.



You can adjust the input level using this slider.

The Monitor Menu

The **Monitor** menu allows you to adjust various parameters.



From the **Monitor** menu you can adjust the video settings (see the next page)

To record video and audio, make sure these options are both ticked

You can resize the monitor window using these options

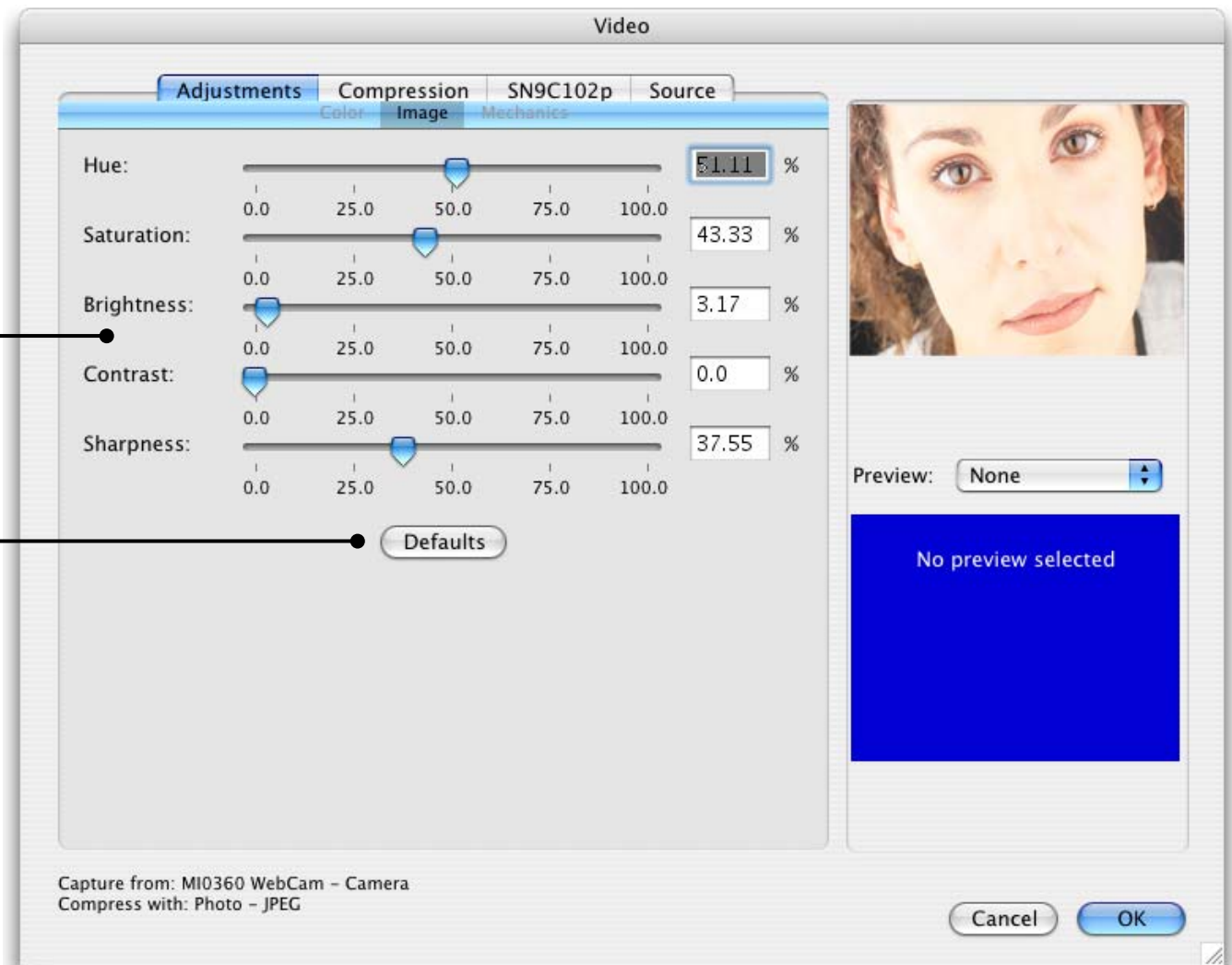
Video Settings

There are four panels in the video window: **Adjustments**, **Compression**, **SN9C102p** (i.e. name of your webcam), and **Source**.

Adjustments Panel

Use these sliders to adjust the various different parameters.

Use this button to restore the above settings back to default.

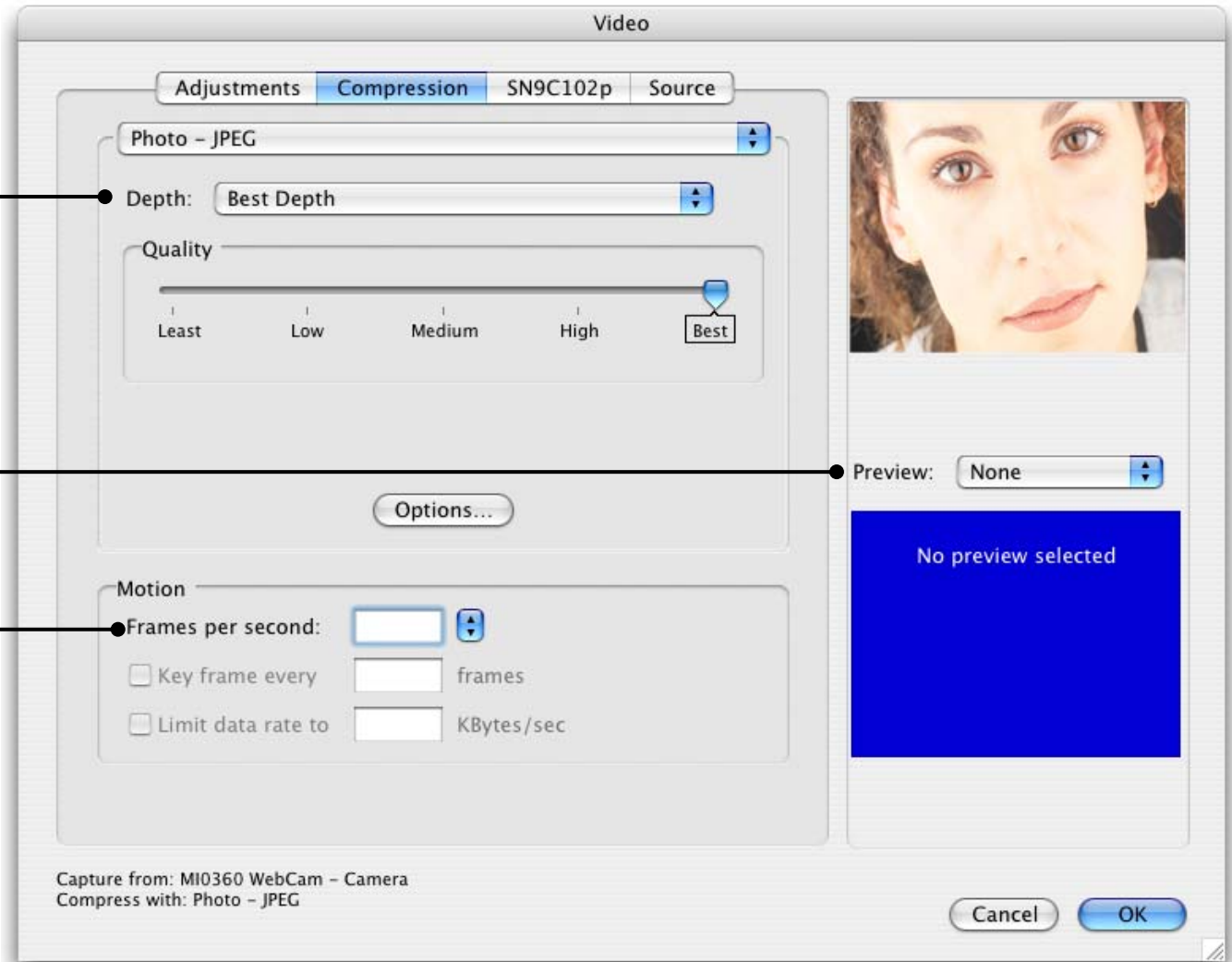


Compression Panel

These settings allow you to adjust the compression format and quality before capturing the video

You can preview the effect that changes to the compression settings make by selecting **Compression** from the drop-down menu here.

Here you can increase or decrease the video capture frame rate (the higher the frame rate, the smoother the captured video)



Webcam Panel (named depending on your webcam) - Image Settings

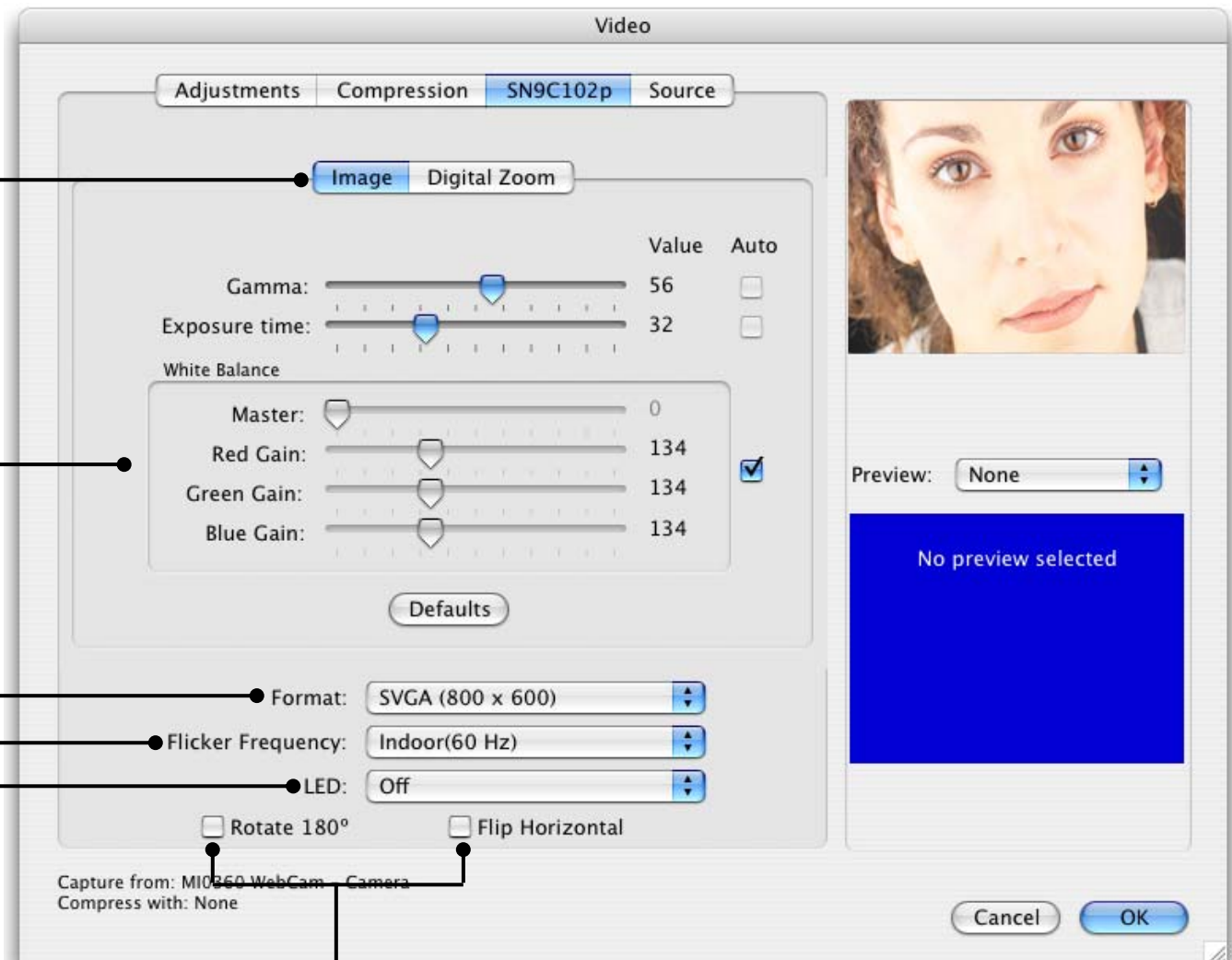
Click here to switch between the **Image** and **Digital Zoom** settings.

Here, you can change the **Gamma**, **Exposure time** and **White Balance** settings. For most purposes, the default settings should not need to be changed. If you make changes you can click the **Default** button to restore the default settings.

You can select a different video capture resolution from the drop-down list.

Change the frequency to reduce monitor flicker

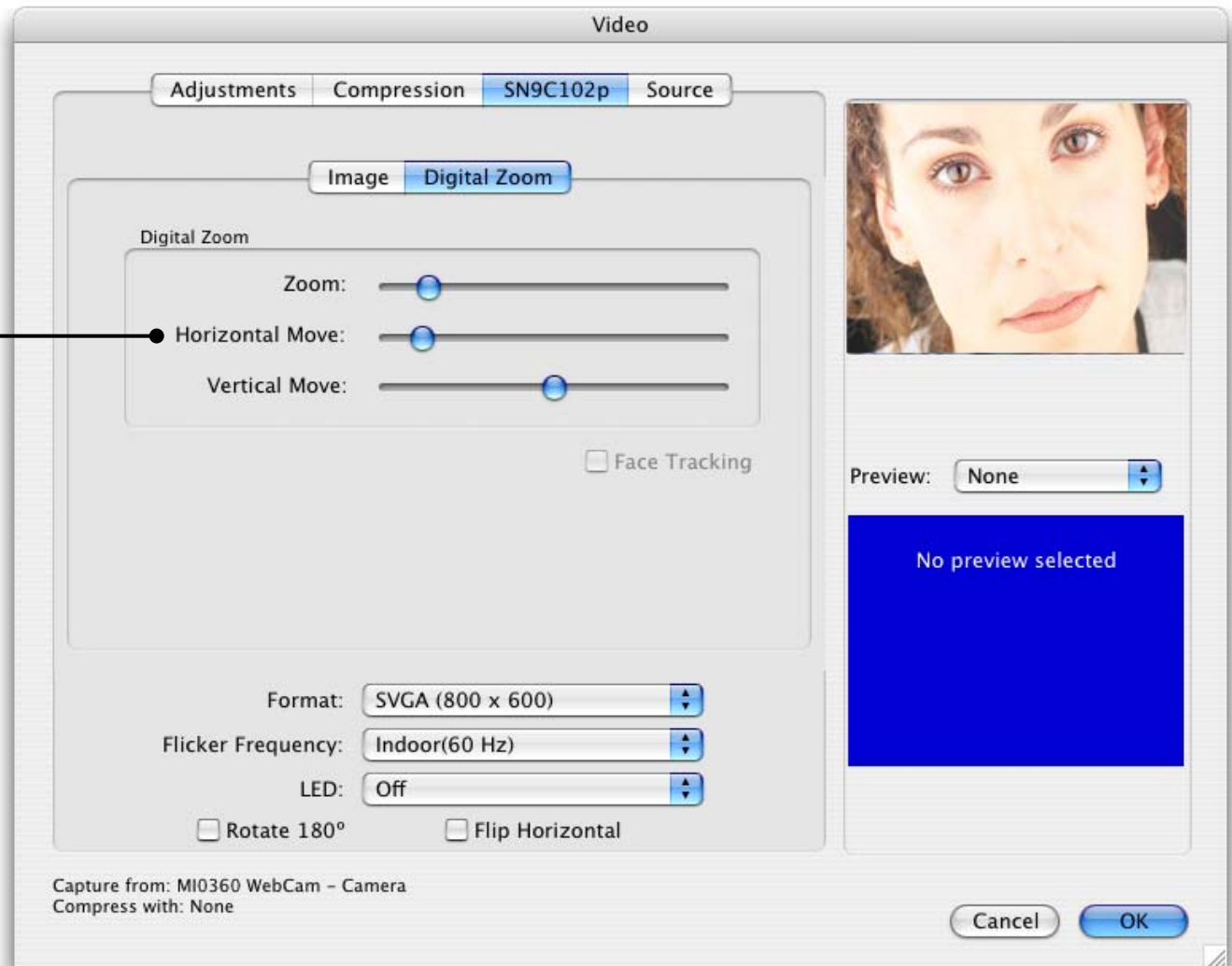
This setting allows you to switch the infra red LEDs on or off.
Note: infra red LEDs are not visible to the naked eye.



These check boxes allow you to flip and rotate the image.

Webcam Panel - Digital Zoom

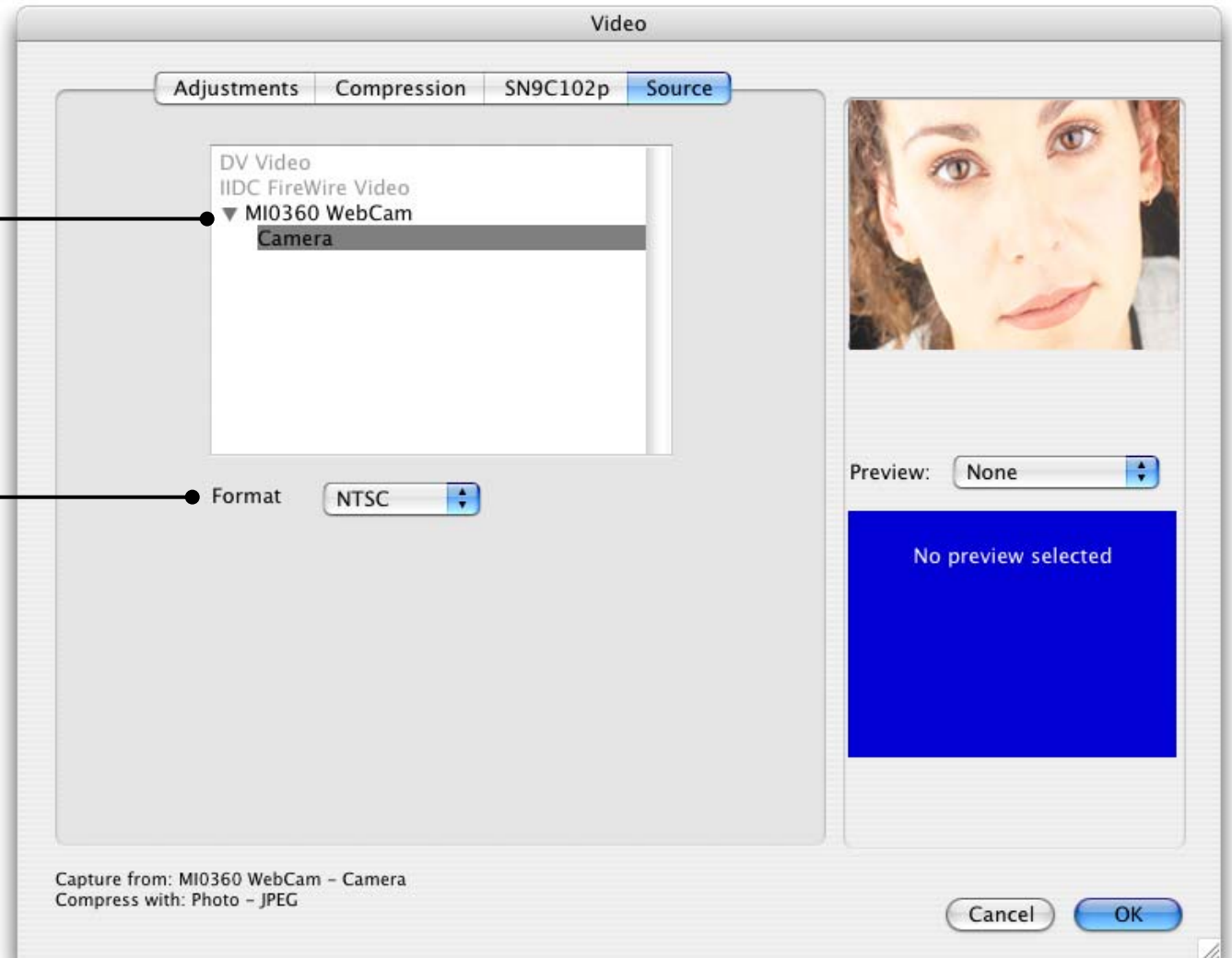
Use these controls to zoom in and out, and pan up and down.



Source

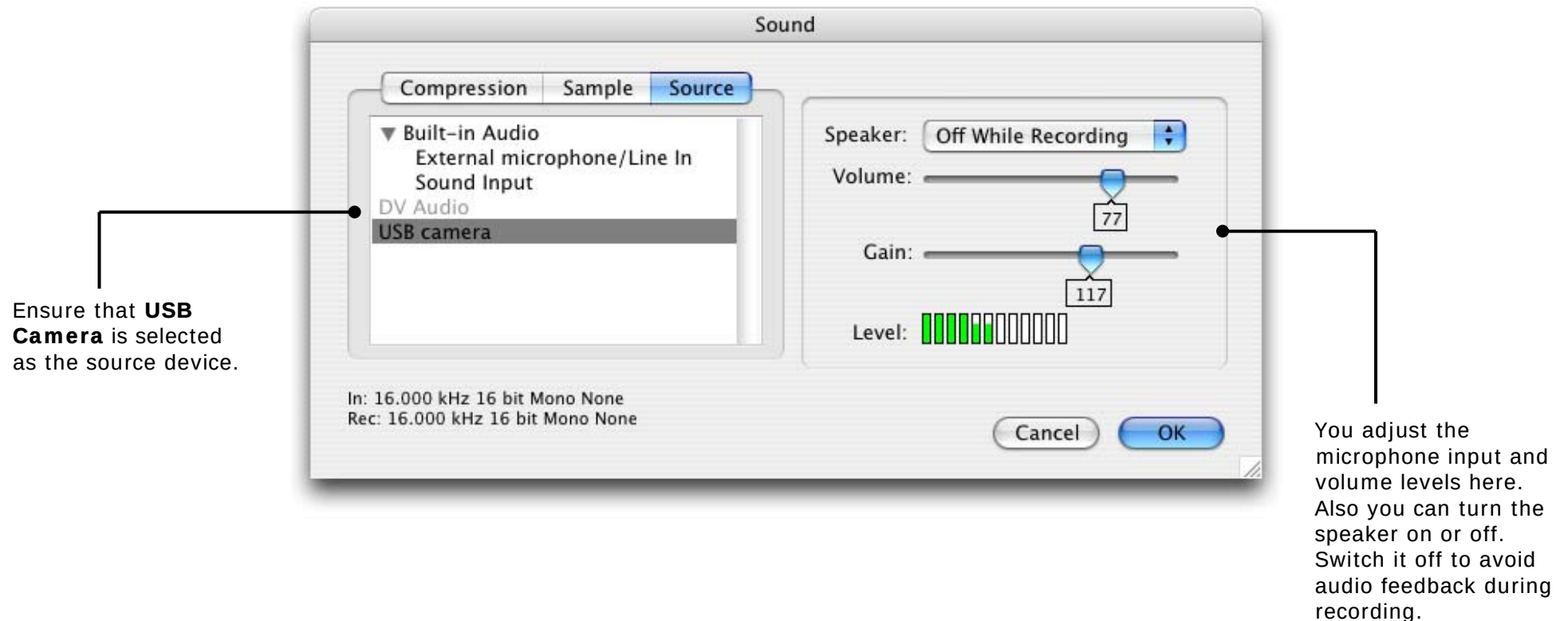
If you have multiple video devices attached to your Mac, you can choose the source device that you want the monitor window to display

You can set the format here. Choose from: **NTSC**, **PAL** and **SECAM**.



Sound Settings

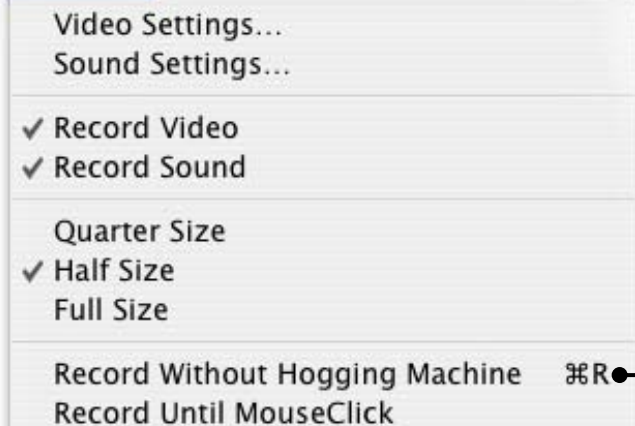
From the **Monitor** menu, select **Sound Settings...** to adjust various sound parameters including the **Sample** and **Compression** settings.



Recording a Capture File

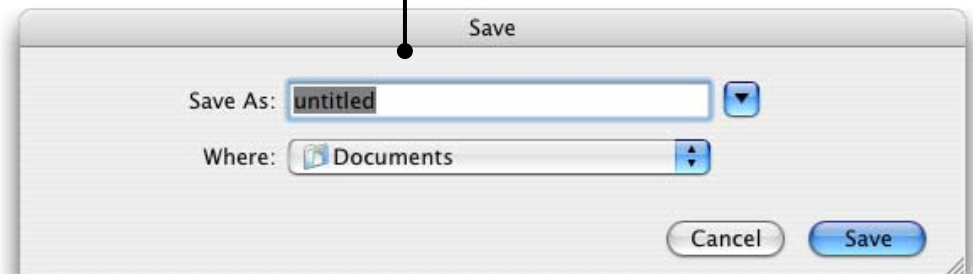
There are two options for the record function: **Record Without Hogging Machine** and **Record until Mouse Click**. The captured file can be accessed from the location you select in the steps below. Double click the file to launch **Quicktime** and view the captured video.

Monitor



1. When you select this option, a dialog box will appear.

2. In the dialog box, input the name and desired location for the recorded video.



Monitor



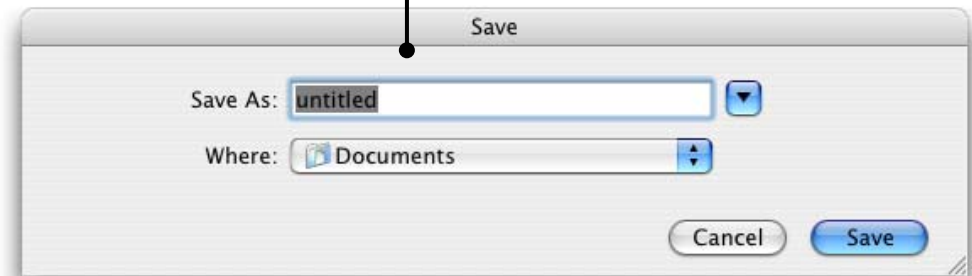
3. When you want to finish recording, choose the **Stop Recording** option from within the **Monitor** menu.

Recording & Capture

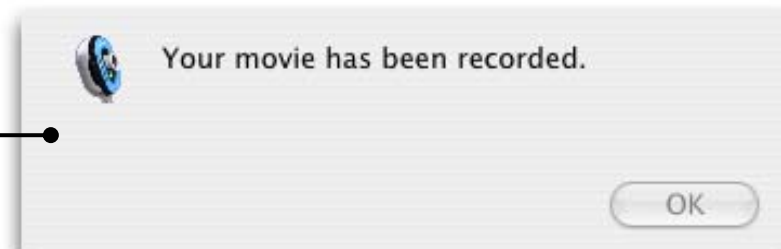


4. If you select **Record Until Mouse Click**, again the dialog box will appear.

5. In the dialog box, input the name and desired location for the recorded video.



6. To finish recording, simply click the mouse button. A window will appear to confirm the movie has been recorded!



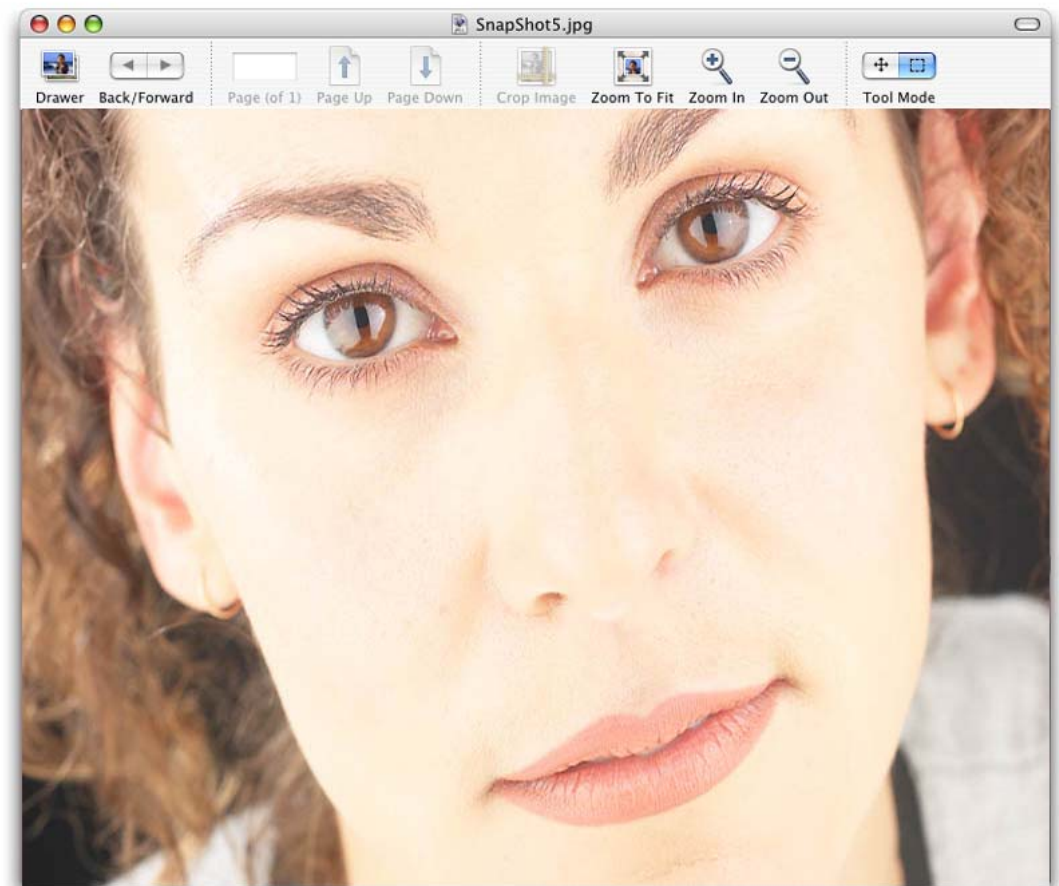
Snapshot Function

1. Press the button on the side of the MiniCam to take a photo snapshot.



Press this button to take a snapshot

2. A new **Preview** window will appear showing the photo. Select **File > Save As...** to save the image.





WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products.

More details can be obtained from your national WEEE recycling agency.

Germany / Deutschland

Die Europäische Union hat mit der WEEE Richtlinie umfassende Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden von der Bundesregierung im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt.

Dieses Gesetz verbietet vom 24.März 2006 an das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (WEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation WEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate.

Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.

CE Statement

This device complies with the European Regulations for Electromagnetic Compatibility (EMC) of the European Union and it is equipped with the CE mark. This unit has to be used with high quality shielded connection cables. Only if these high quality shielded cables are used can it be sure that the EMC compatibility is not adversely influenced.

FCC Statement

Shielded cables must be used with this equipment to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

FCC Warning

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:

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

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.



LINDY No's 42803, 42804

Mac Manual, 1st Edition July 2006

www.lindy.com