

USERS MANUAL

Logitech QuickCam 5000



AND

SightSpeed 5.0





Congratulations!

You have been selected to speak to students at Wartburg College via the use of a webcam, the Logitech QuickCam 5000, and the Internet, using SightSpeed. In about half an hour, depending on your computer and Internet speed, you will be making an audio and video call. Let's get started!

TABLE OF CONTENTS:

Set-up and Qualifications	Page 03
Overview of Materials	Page 04
Installation of the Logitech QuickCam 5000	Page 05
Logitech QuickCam 5000 Software Overview	Page 12
Installation of SightSpeed 5.0	Page 15
Making the Call	Page 21
Uninstall Programs	Page 23
Conclusion & Troubleshooting	Page 28
Contact Information	Page 29

Set-up and Qualifications:

This software can **only** be used on PCs with Microsoft Windows XP or 2000 installed. Sorry, Macintosh users, you will have to find a PC and join the rest of the world! Just kidding; if you do not have a PC available please see Problem #1 in the Troubleshooting Section.



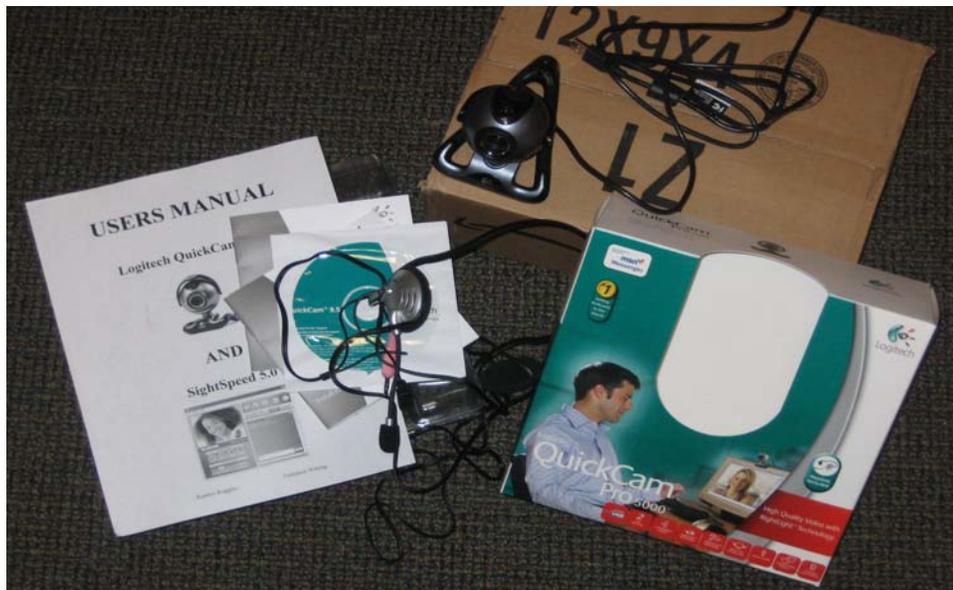
To operate the Logitech QuickCam 5000 and SightSpeed Software:

Your PC must have DirectX 9 or higher, Internet Explorer 5.5 or higher installed prior to installing the software, along with an Internet connection. If you have Windows XP, you must have at least Service Pack 2 installed. There must also be 1.0 gigahertz of the central processing unit and 256 megabytes of Ram available. Total QuickCam file size is 75 megabytes and total SightSpeed file size is 5.81 megabytes totaling 80.81 megabytes of free space required.

Overview of Materials:

Included in this kit:

- The box everything arrived in
- Logitech QuickCam 5000 Camera
- Logitech QuickCam Headset
- Logitech QuickCam 5000 Software CD
- Troubleshooting/Installation guides for the Logitech Software
- Hard copy of the Users Manual
- Location of the PDF Users Manual
- Return label



Installation of Logitech QuickCam 5000:



Figure 1

Installation of the Logitech QuickCam 5000 begins from the desktop of your PC (Figure 1). Close all other programs and insert the Logitech CD into the CD/DVD drive on your computer. This CD is located inside the QuickCam box. If you do not have a CD/DVD drive please consult Problem #2 in the Troubleshooting section.



Figure 2

The software will automatically appear on the screen. The screen will go black and then the Logitech QuickCam software set-up screen will appear. Click the upper-left hand bold face title “Install QuickCam Software” (Figure 2).



Figure 3

This will prompt a new dialogue box to appear entitled: Logitech Update. It says, “Logitech is going to check for a newer version of the software.” Click OK (Figure 3).

A newer version of the software **will be found**. Please download this newer version by clicking the “OK” when prompted.



Figure 4

You will now begin to download the Logitech QuickCam Software (Figure 4). Depending on your Internet connection speed it could take anywhere from 5 to 35 minutes.



Figure 5

Once the software has been downloaded a new dialogue window will appear prompting the question: “A newer version of the Logitech QuickCam software has been downloaded. Would you like to install the update?” Click “Install” (Figure 5).

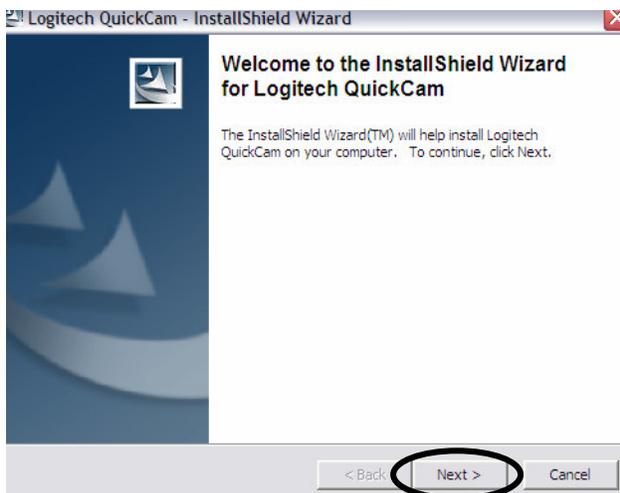


Figure 6

This will cause the original QuickCam software set-up screen to disappear. A new dialogue box will appear entitled: “Logitech QuickCam - InstallShield Wizard.” This will install the software recently downloaded. Click “Next” in the lower right-hand corner (Figure 6).

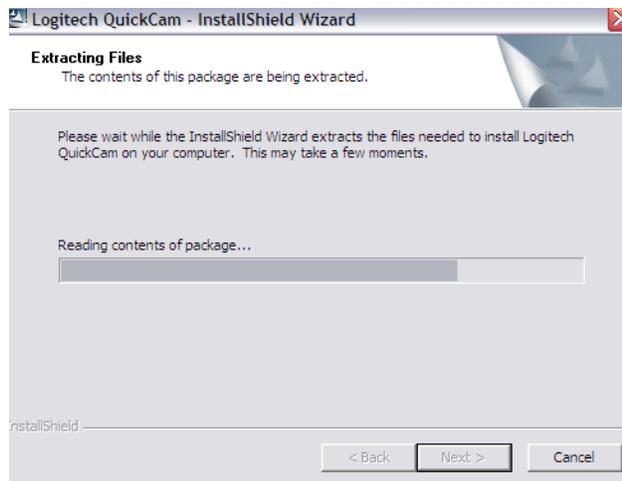


Figure 7

Your computer will begin extracting the Logitech QuickCam Software. This may take a few minutes depending on your computer's speed (Figure 7).

Once the software has been extracted a new dialogue window will appear. This window is entitled: "Logitech QuickCam Installation." This installation set-up has four steps:

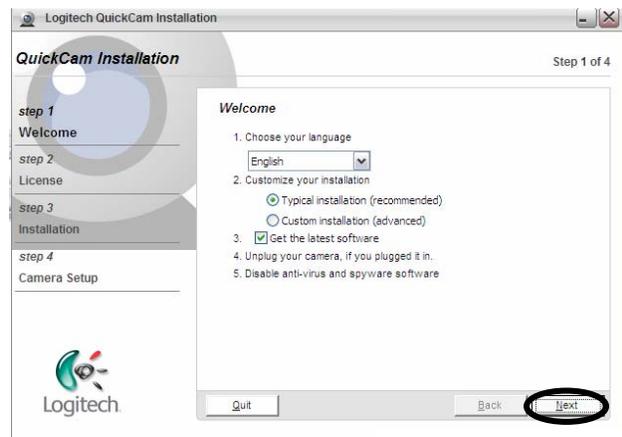


Figure 8

Step One: Welcome. Select English, Typical installation, make sure the "Get the latest software" is checked, and that the camera is unplugged. Click "Next" in the lower right-hand corner (Figure 8). The program will then check for a newer version of the software, click "OK" when prompted. It will not find a newer version because you have already downloaded it!

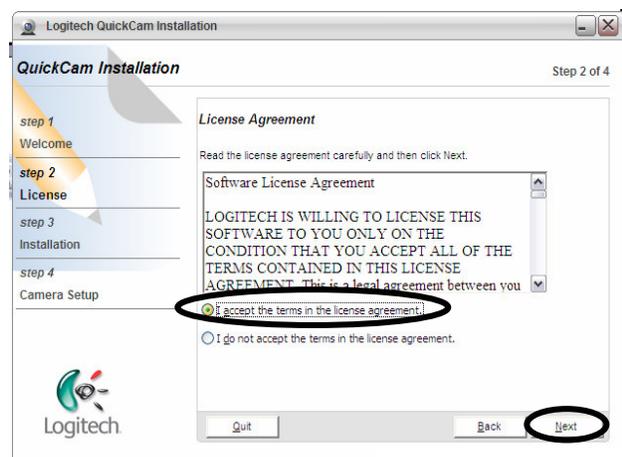


Figure 9

Step Two-Part One: License Agreement. Make sure to read the agreement, and check the "I accept the terms in the license agreement" circle. Click "Next" in the lower right-hand corner (Figure 9).

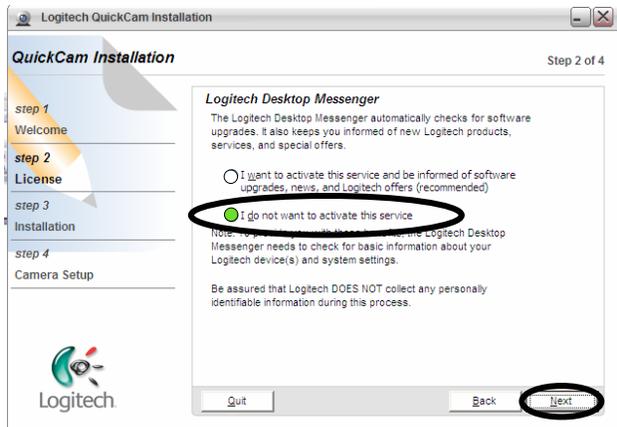


Figure 10

Step Two-Part Two: Logitech Desktop Messenger. Since you are only going to be using this camera for a short time period, check the second option: “I do not want to activate this service.” Then click next (Figure 10).

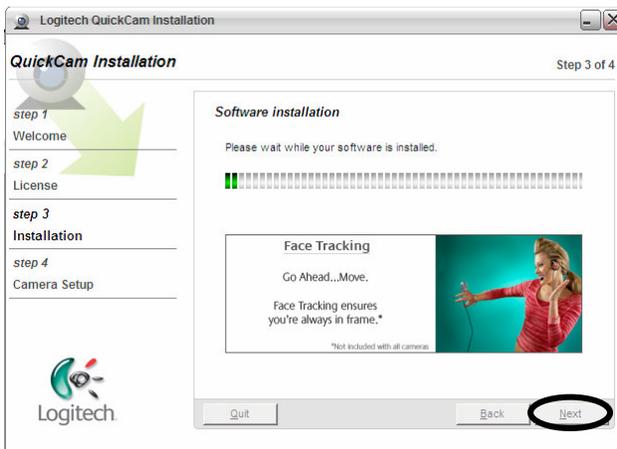


Figure 11

Step Three: Software Installation. Wait for the software to be installed. The time varies depending on computer speed. When installation is complete, click “Next” in the lower right-hand corner (Figure 11).

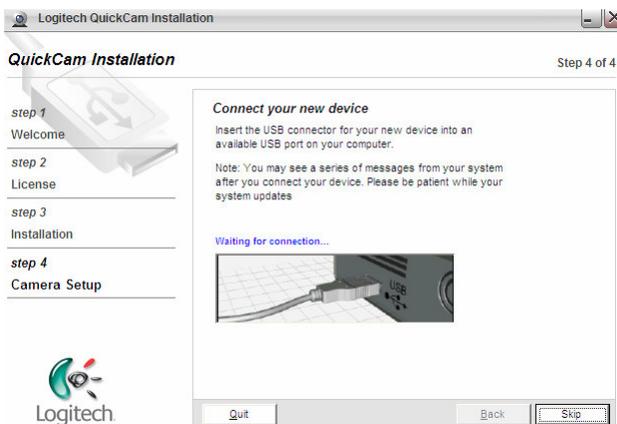


Figure 12

Step Four-Camera Setup: Connect the Logitech QuickCam to your computer via a USB port. The USB port is usually located on the back or side of a laptop computer or on the tower of a desktop. It is a rectangular slot that fits perfectly with the camera’s port. After connection you will notice a few messages from your computer noting it has new hardware. Please be patient while your system is updating (Figure 12).

After connecting the QuickCam to your computer either balance it on top of a flat screen panel or place it on a table beside you.

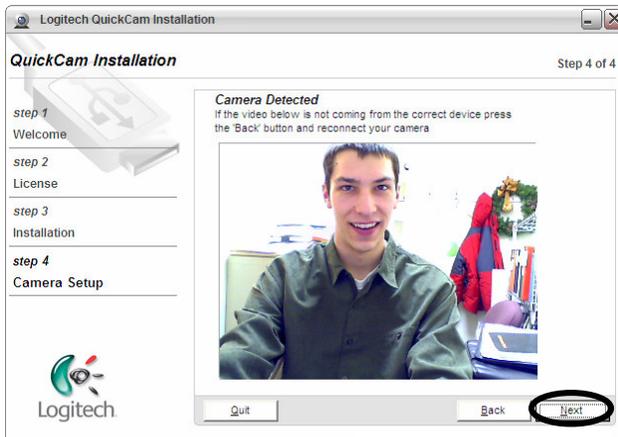


Figure 13

Step Four-Camera Setup: Once the camera detects the image it will display (Figure 13). Click “Next” in the lower right-hand corner.

If the camera is not detected, click “Back” in the lower right-hand corner, and try reconnecting your camera.

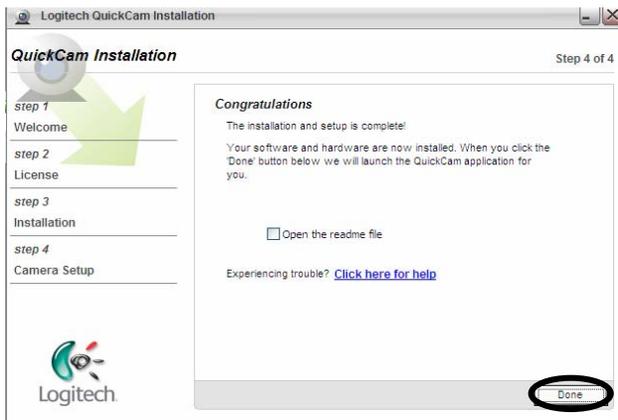


Figure 14

Step Five: Congratulations. You have successfully installed the QuickCam. If desired, open the ReadMe file by checking the box. Click “Done” in the lower right-hand corner (Figure 14).



Figure 15

Once the QuickCam Software has been installed a new dialogue window will appear entitled: “Logitech Audio Tuning Wizard.” This wizard has seven steps:

Step One: Overview. There is a built-in microphone and headset which plugs into the computer included. Use either to complete this audio wizard. Close all applications which may be using sound and click “Next” in the lower right-hand corner (Figure 15).



Figure 16

Step Two: Select Audio Devices for Calling. Check to make sure everything matches your computer's hardware. If you do not know what these options should be the wizard automatically recognized them on your computer so they are probably correct. Click "Next" in the lower right-hand corner (Figure 16).



Figure 17

Step Three: Smart AEC Selection. This feature cancels out background noise and applies sophisticated technology to create the best possible audio. Enable this feature by clicking "Yes" in the lower right-hand corner (Figure 17).

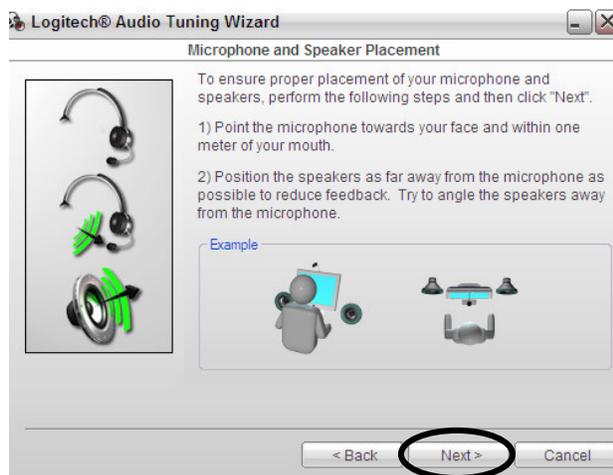


Figure 18

Step Four: Microphone and Speaker Placement. If you are using the microphone in the webcam make sure that it is within three feet (one meter) of your mouth, and position your speakers as far away from the microphone as possible. If you are using the headset make sure the microphone is near your mouth and the headset is sitting over your ears. Click "Next" in the lower right-hand corner to proceed (Figure 18).



Figure 19

Step Five: Speaker Volume Adjustment. Make sure that your speakers are turned on and click the “Play Sound” button. You should hear sound coming out. If not, consult Problem #3 in the Troubleshooting Section and. Once you hear sound, either out of the speakers or the headset, click “Next” in the lower right-hand corner (Figure 19).



Figure 20

Step Six: Adjust Microphone Volume. Use either the microphone in the camera or the headset to read the appropriate line. Watch as your words will make a horizontal green line rise and fall. Click “Next” in the lower right-hand corner (Figure 20).

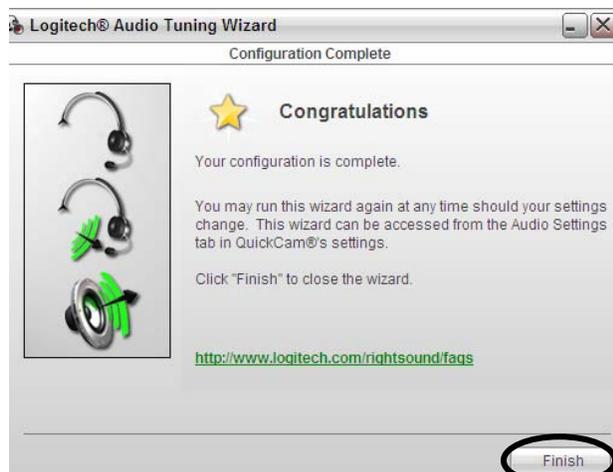


Figure 21

Step Seven: Congratulations. You have now installed and configured the Logitech QuickCam. Click “Finish” in the lower right-hand corner to close the Logitech Audio Tuning Wizard (Figure 21).

Logitech QuickCam 5000 Overview:



Figure 22

Here is a diagram with each of the pieces of the Logitech QuickCam 5000 labeled. The formable stand can either sit on a table, as displayed, or is also created to bend over the top of a flat screen (Figure 22).



Please make sure the camera is properly balanced on a flat screen before leaving it there!



Figure 23

Once the camera is plugged into the computer the Logitech QuickCam Toolbar will appear. There are many options available and each one will be discussed in depth:

The Film Strip and Person: Clicking this icon causes the QuickCapture window to appear. This window displays the current view from the camera, along with taking a photo, and recording video options (Figure 23).



Figure 24

The Two Masks: Clicking this icon causes the Video Effects window to appear. This window displays the many Avatars and various other features you can add to your video conversations. You probably will not be using this feature (Figure 24).

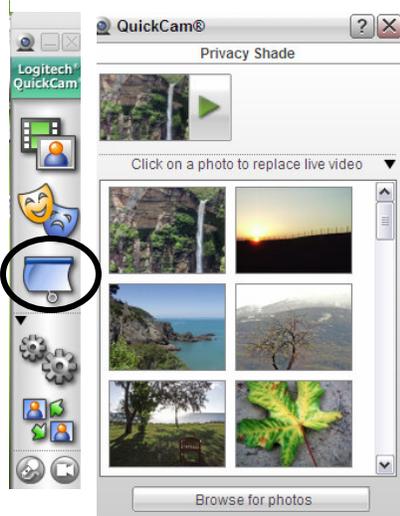


Figure 25

The Window Shade: Clicking this icon causes the Privacy Shade window to appear. This window displays the many options to replace live video when you are away from the camera (Figure 25).

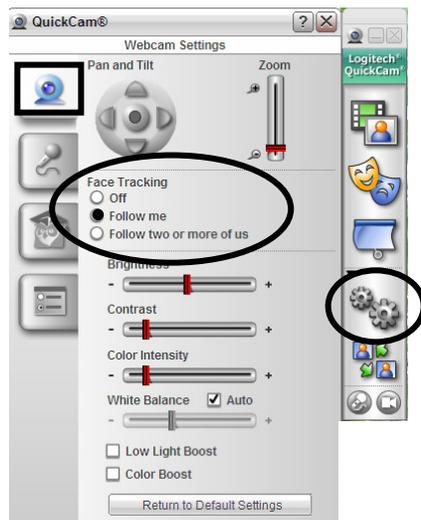


Figure 26

The Gears-Webcam Settings: Clicking this icon causes the Webcam Settings window to appear. This window displays the options for Face Tracking, Brightness, Contrast, White Balance, Low Light Boost, and Color Boost. Check the “Follow me” circle for the best picture and video (Figure 26).

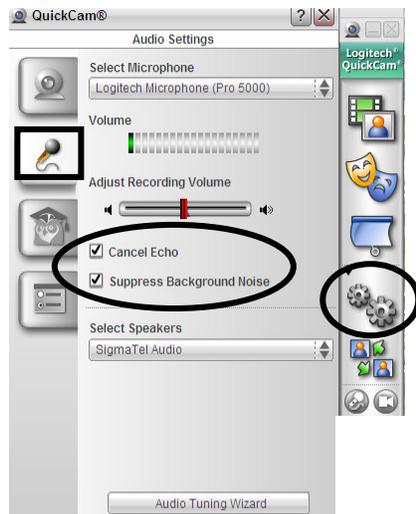


Figure 27

The Gears-Audio Settings: Clicking this window displays the options for selecting the microphone, adjusting the recording volume, canceling echo, suppressing background noise, and selecting speakers. Make sure both Cancel Echo and Suppress Background Noise are checked for the best audio performance (Figure 27).



Figure 28

The Gears-Advanced Settings:

Clicking this window displays the many settings such as Exposure, Gain, Anti Flicker, Image Orientation, and Camera Selector. The best option is to leave these options alone by making sure the “Use Automatic Settings” option at the top is checked for the best possible conversation (Figure 28).



Figure 29

The Gears-Application Preferences:

Clicking this window displays the options for Video Calling Applications, E-mail Clients, Photo and Video storage, and options about where to show the webcam icon and toolbar. As long as the top two options, “Auto configure video calling devices” and “Keep monitor on during calls,” are checked everything should work well (Figure 29).

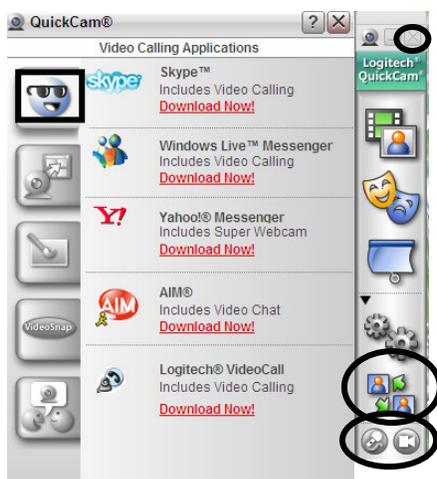


Figure 30

The Arrow People: Clicking this icon causes the Video Calling Applications window to appear. This displays the many options for video calling compatible with this camera. We will actually be using one not on this list, and therefore this section of the QuickCam toolbar will be unnecessary (Figure 30).

The Microphone and Video Camera-

Clicking either of these icons creates a mute. Clicking the Video Camera causes a video mute and the same for the Microphone (Figure 30).

The QuickCam should stay connected to the computer at all times. To close the QuickCam Toolbar click the “X” in the upper right-hand corner (Figure 30).

Installation of SightSpeed 5.0:



Figure 31

Now that the Logitech QuickCam is installed the software to actually make an Internet video and audio call also needs to be installed. Wartburg College has decided to use PC Magazine's Top Choice, SightSpeed 5.0 (Figure 31). There are nine steps to this process:

Step One: Connect to the Internet and navigate to: <http://www.sightspeed.com>

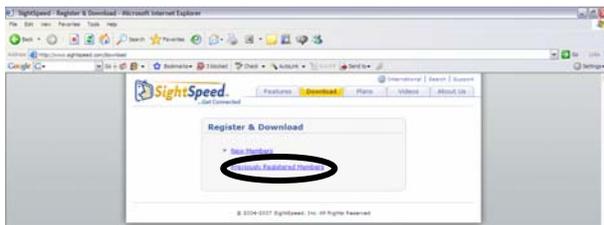


Figure 32

Step Two: A guest account has been created for you, therefore you do not need to register, and instead only have to download the software. Click "Get It Now-Free" (Figure 31). This will open a new window entitled: "Register & Download." Click the second option, "Previously Registered Members" (Figure 32).



Figure 33

This may cause a Security Alert, if using Microsoft Internet Explorer, because you will be opening a secure webpage. If this does occur click "OK" (Figure 33).

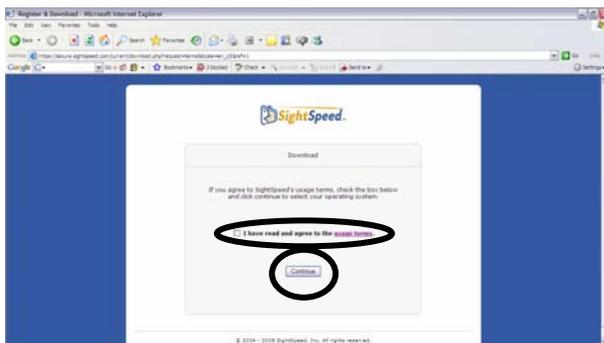


Figure 34

Step Three: The page will refresh and the side banners will turn to a royal blue. The new title of the page is "Download." Read the usage terms click on the hyperlink and then check the box indicating that you have read them. Click "Continue" (Figure 34).

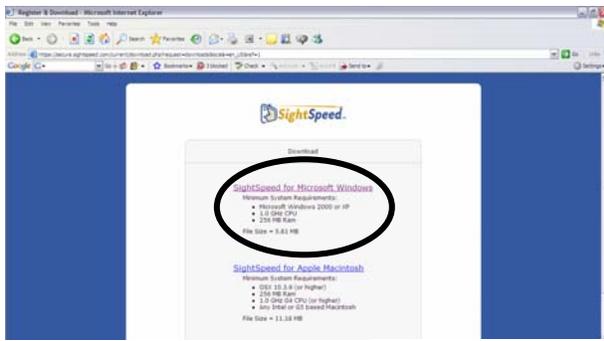


Figure 35

Step Four: A new page will appear with the same “Download” title. Click the first option, “SightSpeed for Microsoft Windows” (Figure 35).

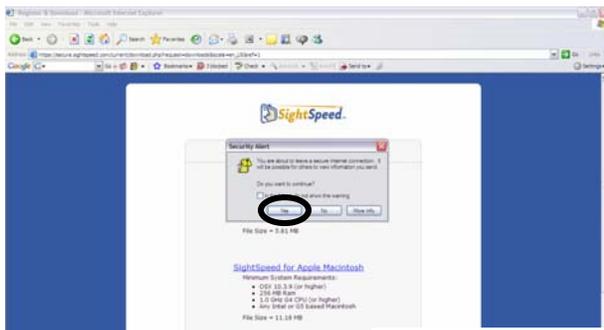


Figure 36

This may cause a Security Alert, if using Microsoft Internet Explorer, because you will be opening another secure webpage. If this occurs click “OK” (Figure 36).

Step Five: A new dialogue box will appear asking if you want to “Save” or “Run” the program. Click “Save.”



Figure 37

Step Six: A new dialogue box will appear entitled: “Save As.” I would suggest you save the file as, SightSpeedInstall, and to your Desktop. Then click “Save” (Figure 37).



Figure 38

Step Seven: The software will automatically cause a download box to appear. Watch and wait as getting closer to making an Internet video and audio call is getting closer (Figure 38).



Figure 39

Step Eight: After the file is done downloading that window will disappear. Minimize the Internet and on your desktop you should notice a new icon looking like this:



Double Click this icon (Figure 39).

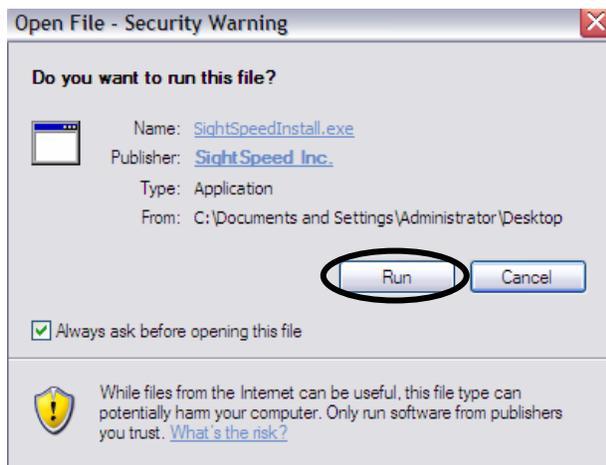


Figure 40

This may cause a Security Warning, because one, Windows does not recognize the author of the file and two, it was downloaded from the Internet. If this occurs click "Run" (Figure 40).

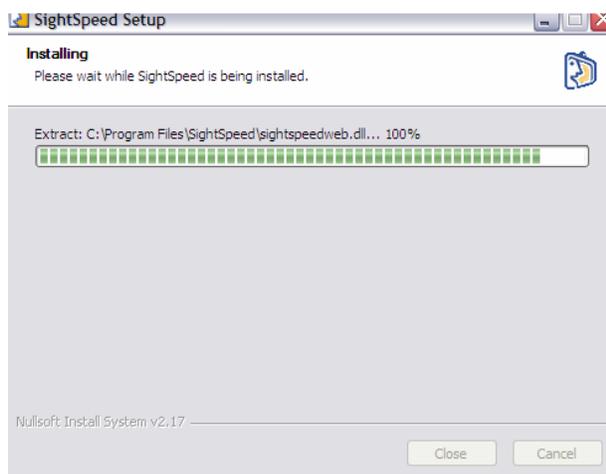


Figure 41

Step Nine: A new dialogue window will appear entitled: "SightSpeed Setup." This will take the file which you downloaded and install it onto your computer. Like before, watch and wait as making an Internet video and voice call draws nearer (Figure 41).

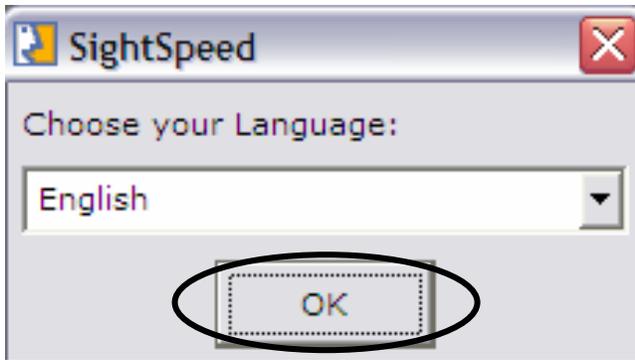


Figure 42

After the file is done installing that window will disappear. A new window, actually titled “SightSpeed” will appear. This is where you establish the settings for SightSpeed. Choose your Language, English is the default, and click “OK” (Figure 42).

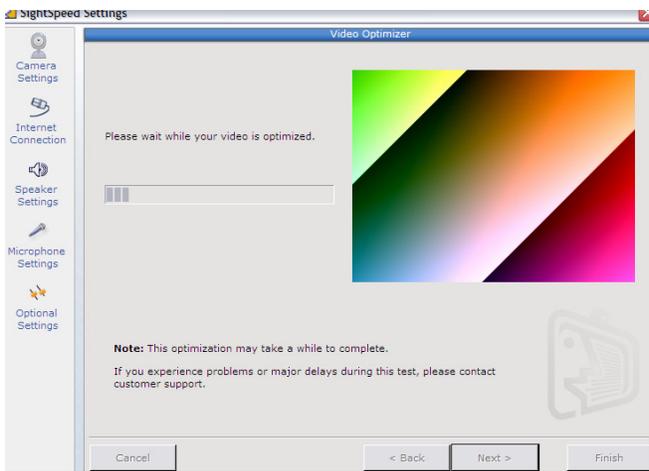


Figure 43

This will cause the “SightSpeed Settings” window to appear. There are five different sections including The Video Optimizer, Camera Settings, Internet Connection, Speaker Settings, Microphone Settings, and Optional Settings. Each section will be discussed in depth following:

Video Optimizer: This window will automatically optimize the SightSpeed video on your computer’s hardware and monitor. This option appears after completing every other setting. It will remain after Optional Settings so if you ever change cameras you can re-optimize. Click “Begin Optimization” to start the optimization (Figure 43).

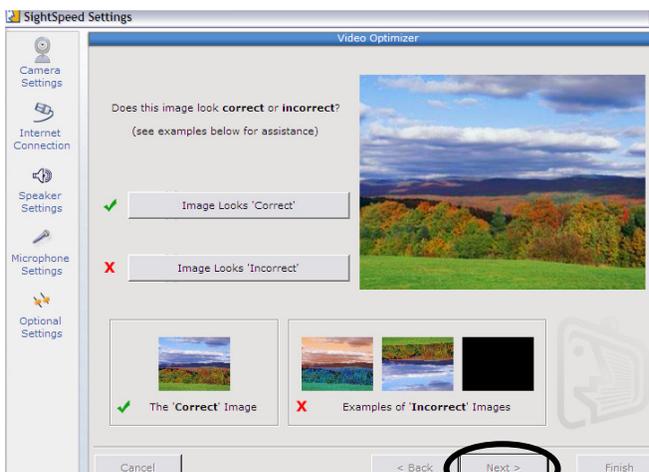


Figure 44

Lines and colors will run through this box performing the optimization. After optimization is complete an image will appear of a rolling prairie. Match the image to either the ‘Correct Image’ or the examples of ‘Incorrect Images,’ and then click the appropriate button above. Hopefully you are clicking the “Image Looks ‘Correct’” because this allows you to then click “Next” in the lower right-hand corner (Figure 44).

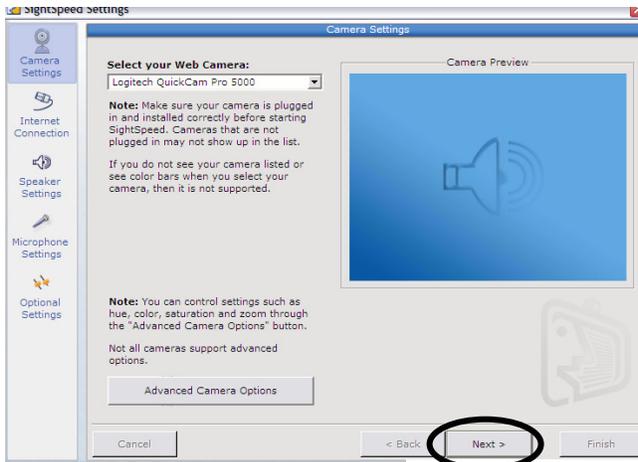


Figure 45

Camera Settings: This window displays the settings for the camera. You can select the camera, and change any advanced camera settings also. Click “Next” in the lower right-hand corner (Figure 45).

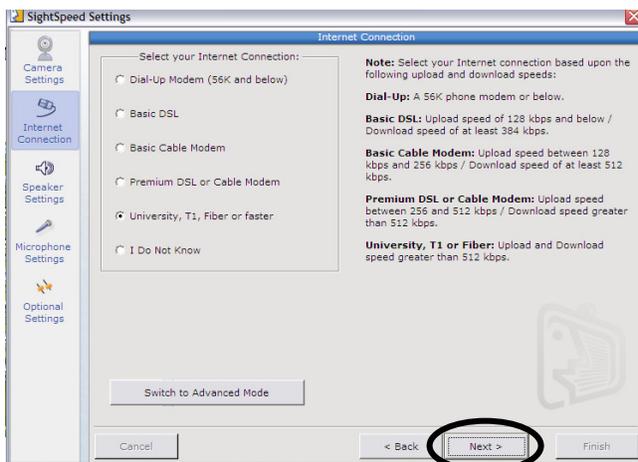


Figure 46

Internet Connection: This window displays your selection of Internet Connection. Please have an Internet connection higher than Dial-Up Modem as this will provide the best video and audio. Once your speed is selected please click “Next” in the lower right-hand corner (Figure 46).

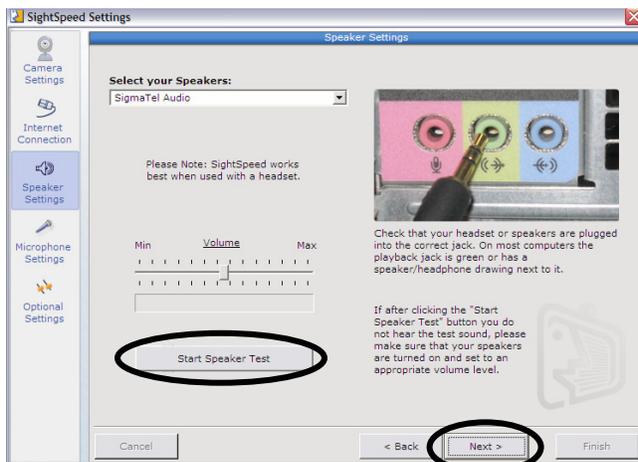


Figure 47

Speaker Settings: SightSpeed should recognize the speakers attached to your computer. If it does not then use the drop-down menu and select the correct ones. If you are using the headset make sure it is plugged into the correct jack. Try the test to make sure everything works, and then click “Next” in the lower right-hand corner (Figure 47).

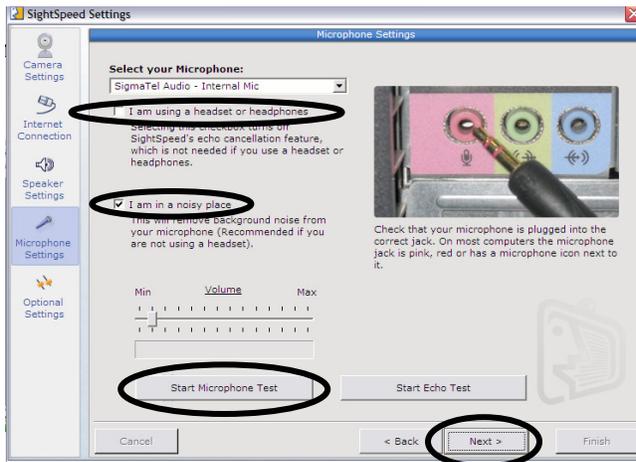


Figure 48

Microphone: SightSpeed should again recognize the microphone within the camera. If not, use the drop-down menu and select the correct microphone. Check the top box if you are using the headset, and check the second box if you are in a noisy place. The headset will override the internal camera microphone, if connected. Try the “Microphone Test” to make sure everything works, and then click “Next” in the lower right-hand corner (Figure 48).

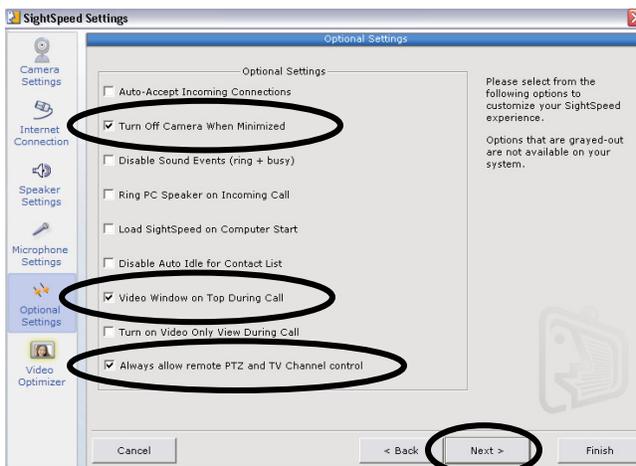


Figure 49

Optional Settings: Make sure that the three circled figures are checked. Otherwise you may check any of the features you desire. Click “Finish” in the lower right-hand corner (Figure 49).

Congratulations, SightSpeed 5.0 is now installed. Have fun SightSpeeding!

Making the Call:

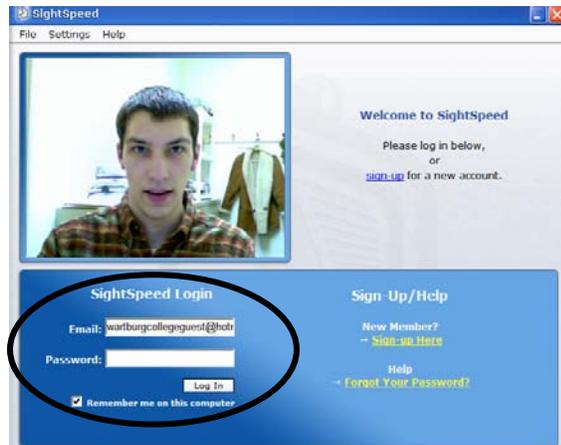


Figure 50

After installing SightSpeed 5.0 a new icon will appear on the Desktop. It will look like this:



Please click on this icon to start SightSpeed, and After clicking on this icon a new window will appear (Figure 50).

To login the e-mail you should use is: **wartburgcollegeguest@hotmail.com** and the password is: (This is case sensitive!) **Let'sTalk2007**



Figure 51

If the camera image does not appear when logging into SightSpeed please see Problem #4 in the Troubleshooting Section. SightSpeed will verify your login information (Figure 51).



Figure 52

This is the main page of SightSpeed. This displays the Camera View, Information, a toolbar (with Home, Create, Conference, Contacts, and Account information), and a tabbed listing (of My Contacts, Inbox, Chat, and Community). From this main page you will make and receive phone calls. The rest of the features you will **not** be using (Figure 52).



Figure 53



Figure 54



Figure 55

To make a video and audio call make sure that the person you are calling is on-line. If they are there would be a green dot next to their name. If not then there would be an uncolored dot next to their name. If they are busy there will be a red dot next to their name. If they are idle there will be a yellow dot next to their name. To call a person place your cursor over their name and four click buttons will appear. Clicking the first icon, the camera, will start a video and voice call. Clicking the second, the telephone, will start a voice only call. Clicking the third, the camera and envelope, will start a video recording session. Clicking the fourth, the book with a T on the cover, will send a text message (Figure 53).

To call someone click that first icon, with the video on it, and it will call that person. Make sure that you are in as quiet a place as possible; if not make sure you wear the headphones so audio can be clear. If you can also position a solid color for the background it would improve the video quality (Figure 54). You will be calling “Wartburgprofess” when you call Wartburg College.

After you have connected with the other person your camera view will minimize into the lower right-hand corner and their image will fill the rest of the window. Under the “Controls” options you can select Full Screen, Video Only, Local View, Pause the Video, Mute the Audio, and Adjust the Volume. When the call is complete click “End Call,” which is located underneath your camera view (Figure 55).

To answer a call click “OK” when prompted. Receiving a call is just as easy as making one!

Uninstall Programs:



Figure 56

Step One: To un-install both the Logitech QuickCam 5000 software and SightSpeed click on the Start Menu, then move your cursor over to the “Control Panel” and click on it (Figure 56). Depending on your computer’s setup it could also be Click on the Start Menu, then Settings, and “Control Panel.”

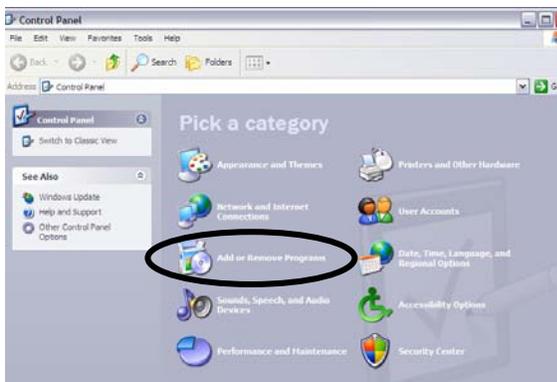


Figure 57

Step Two: The Control Panel will open a new dialogue window. Click on the “Add or Remove Programs” icon (Figure 57).



Figure 58

Step Three: This will open up a new dialogue window where you can add or remove programs. This is a listing of every program on your computer (Figure 58).

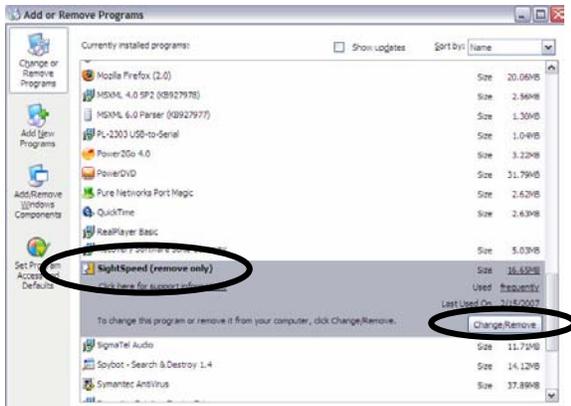


Figure 59

Step Four: Scroll down in the list of programs to the “SightSpeed (Remove Only)” title. Click the “Change/Remove” button (Figure 59).

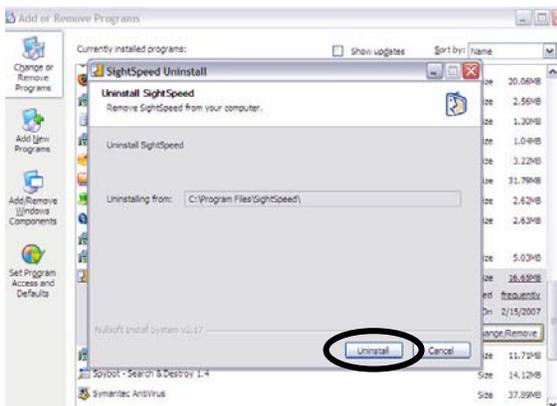


Figure 60

Step Five: This will open up a new dialogue window entitled: “Uninstall SightSpeed.” Click the “Uninstall” button in the lower right-hand corner (Figure 60).

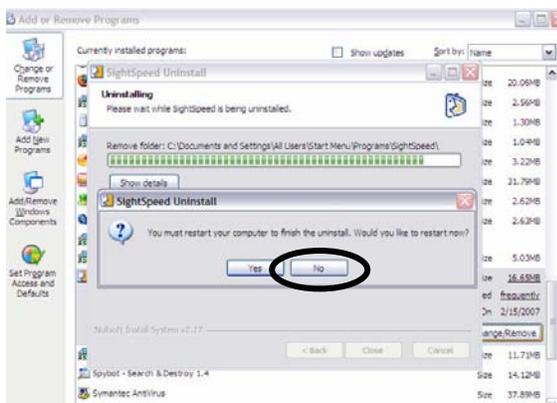


Figure 61

Step Six: SightSpeed will then uninstall itself. After that a new window will appear asking: ‘Would you would like to restart now?’ Click “No” as you still have to remove the camera software (Figure 61).

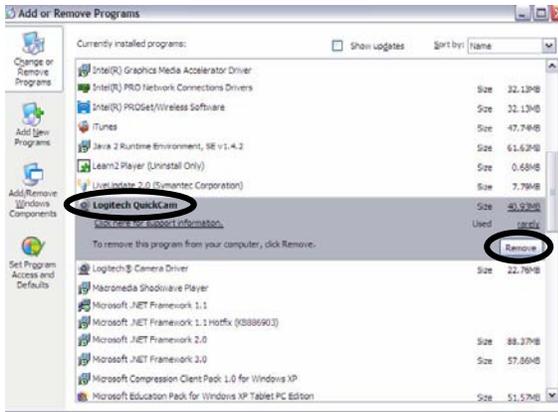


Figure 62

Step Seven: Scroll up in the list of programs to the “Logitech QuickCam” title. Click the “Remove” button (Figure 62).

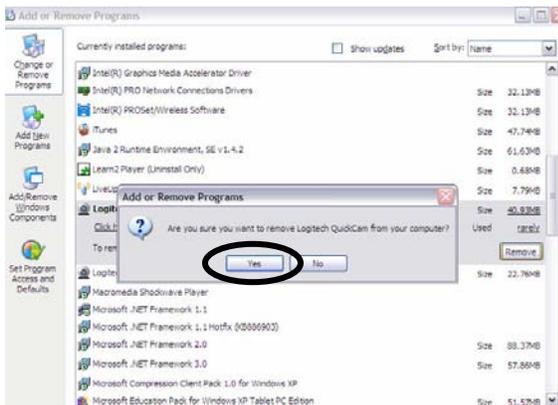


Figure 63

Step Eight: This will open up a new dialogue window entitled: “Add or Remove Programs.” It will ask if you want to remove Logitech QuickCam from your computer, click “Yes” (Figure 63).

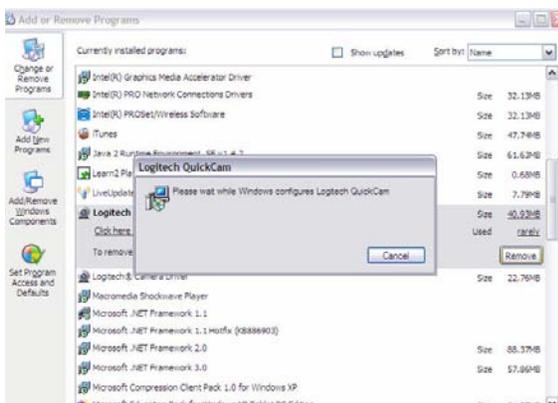


Figure 64

Step Nine: Then wait as the Logitech QuickCam is uninstalled (Figure 64).

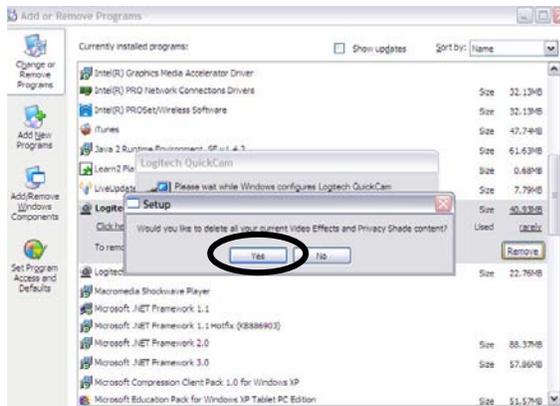


Figure 65

Step Ten: A new window will appear asking if you want to: “Delete all current Video Effects and Privacy Shade content?” Click “Yes” (Figure 65).

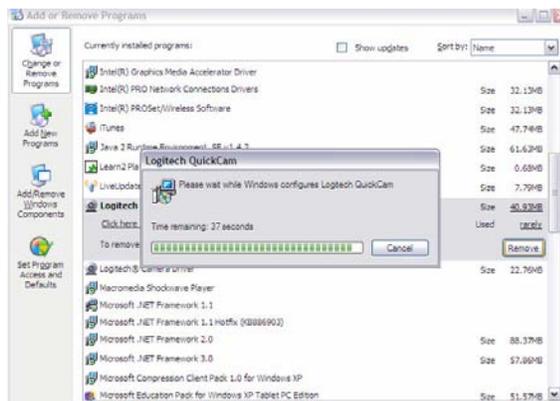


Figure 66

Step Eleven: Then wait again as the Logitech QuickCam is further uninstalled (Figure 66).

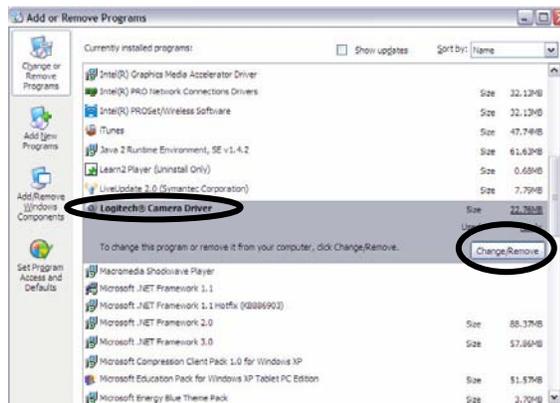


Figure 67

Step Twelve: The last program to uninstall is the “Logitech Camera Driver.” It should be right under the location of the “Logitech QuickCam” software you deleted. Click the “Change/Remove” button (Figure 67).

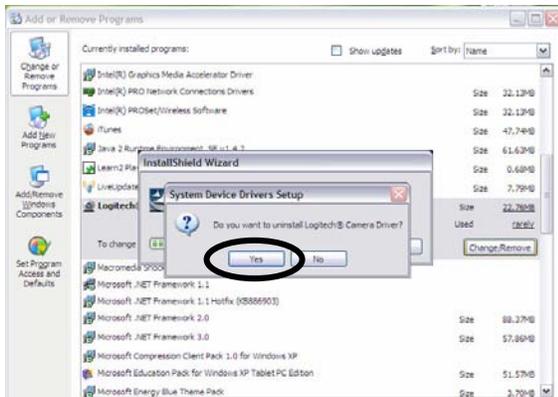


Figure 68

Step Thirteen: A new window will appear asking if you want to: “Do you want to uninstall the Logitech Camera Driver?” Click “Yes” (Figure 68).

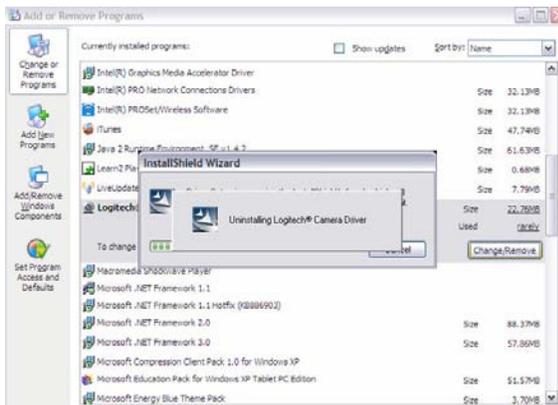


Figure 69

Step Fourteen: Wait again as the Logitech Camera Driver is further uninstalled. It will open up the InstallShield Wizard (Figure 69).

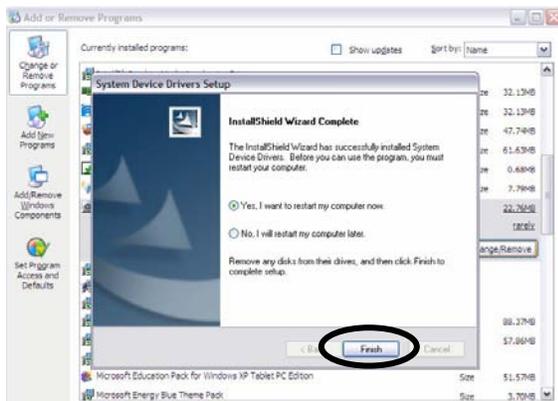


Figure 70

Step Fifteen: The uninstallation of both SightSpeed and the Logitech QuickCam will be complete when the System Device Drivers Setup window appears. Make sure the “Yes, I want to restart my computer now” circle is selected, and click “Finish” in the lower right-hand corner (Figure 70). Your computer will then restart, and after booting back up all the programs will be gone. If there are any icons left on the desktop move them to the “Recycling Bin.”

Conclusion:

Thanks for volunteering your time to improve the education here at Wartburg College. If you are reading this then you should have finished installing the QuickCam and SightSpeed, made a video and audio Internet call, and uninstalled the programs. If you have any concerns, problems, or ways we can improve this technology please let us know. Now that you are finished please put the camera and headset carefully back into the camera box. Then put the camera box and this Users Manual into the shipping box. Seal tightly, place the return label on top, and place in the mail. Thanks!

-Wartburg College Educational Technology

Troubleshooting:

Problem #1-If you do not have a PC within use you are not completely out of luck. The camera we have sent you only works on PC's, sorry, although the SightSpeed software works with both PCs and Mac. Therefore you have two steps to complete:

One, check the SightSpeed website for webcams that interface with the SightSpeed software. Here is a link to a list of SightSpeed tested and recommended cameras: <<http://www.sightspeed.com/support/hardware/cameras>>. Make sure your camera is on the list, if not it still may interface with SightSpeed, the only way to tell is by trying it out!

Two, these are the requirements for downloading the SightSpeed software for an Inter or G5 based Macintosh: OSX 10.3.9 (or higher), 256 megabytes of Ram, 1.0 gigahertz of the G4 central processing unit (or higher). Download the total 11.18 MB SightSpeed software file.

Problem #2-If you do not have a CD/DVD drive you are still in luck. Instead you need to go to the Logitech QuickCam page and download the software for the camera. Please follow this link: <<http://www.logitech.com/index.cfm/downloads/software/US/EN,CRID=1794,contentid=11022>>.

Problem #3-If you do not hear sound coming out of either the speakers make sure they are turned on. If you are using the headset make sure that the microphone and headphone wires are in the correct slots. Also make sure that the computer volume is not muted. To do this click "Start" then "Settings" and click "Control Panel." After this loads, click on the "Sounds and Audio Devices" icon (it has a speaker on it). Check to make sure the mute has not been selected. If so, uncheck the box. Also try adjusting the sound level here and in the Logitech Audio Tuning Wizard. If none of these suggestions work, ask yourself when the last time you heard sound come out of your computer? Do you have a sound card, and if so does it work?

Problem #4-If the camera does not automatically appear in SightSpeed try closing all open programs and restarting the computer. Upon restart open the QuickCam Toolbar and QuickCapture to make sure the camera works. Then open up SightSpeed and the camera should be present. If there is still no image try opening and running the Video Optimizer. Finally if nothing happens try logging out and closing SightSpeed and reopening and logging in again.

Contact Information:

Wartburg College Support:

If you have any problems or would like to test run any of the software please contact:

Randon Ruggles- Educational Technology Assistant

E-mail: edtech@wartburg.edu

Website: <http://www.wartburg.edu/edtech>

Mailing Address: Educational Technology
Wartburg College
100 Wartburg Blvd.
Waverly, IA 50677

Phone: (319) 352-8628

SightSpeed Support:

E-mail: support@sightspeed.com

Website: <http://www.sightspeed.com/support>

Mailing Address: SightSpeed
918 Parker Street, Suite A14
Berkeley, CA 94710

Phone: (510) 665-0353

Logitech QuickCam 5000 Support:

E-mail: support@logitech.com

Website: <http://www.logitech.com/support>

Mailing Address: Logitech
6505 Kaiser Drive
Fremont, CA 94555

Phone: (702) 269-3457