



QUICKCAMTM PRO

USER'S GUIDE



Windows®98 & 95 Users

You must install the QuickCamTM Pro software before installing the QuickCam Pro digital camera!

Please go to page 2 for Windows 98 and 95 installation.

Macintosh Users

Please go to page 5 for Macintosh installation.

Thank you

for purchasing a QuickCam™ Pro camera.

We're continuously improving our products, and this commitment continues even after your purchase.

Please visit our Website at

www.quickcam.com

for free software updates that can enhance the capabilities of your QuickCam Pro camera. We post updates from time to time, so it's a great idea to check for updates after you install your QuickCam camera, and periodically after that to keep up-to-date with the latest features and performance enhancing capabilities.

Enjoy your QuickCam Pro camera!

CONTENTS

For Windows

Installation2-3

Using the Software.....4

For Macintosh

Installation.....5

Using the Software.....6-7

Additional Information

Troubleshooting.....8

Sales and Support.....9

System Requirements10

Installation for Windows® 98

1. For both USB and parallel port QuickCam Pro cameras:

Place the QuickCam Pro CD in your CD-ROM drive. The QuickCam Pro installer begins. (If the QuickCam Pro install screen does not appear, you can start the installer by doing the following: click the **Start** button, click **Run**, select **Browse** to navigate to the CD-ROM drive, find and double-click on the file named **Setup.exe**. Click **OK**).

2. The install screen lists applications you can choose to install. Highlight and click **QuickCam Pro Software**. The setup program begins and guides you through the installation process.
3. When prompted for either Parallel or USB version, select the version of QuickCam Pro that you purchased (located on the front of the product box).
4. When installation is complete, select **No, I will restart my computer later**. Shut down your computer and plug in your camera (see page 3). Restart your computer. Plug and play begins and detects the new hardware, and installs the necessary system software for your camera.
5. When installation is complete, begin using your camera: go to the **Start** bar, select **Programs**, select **Logitech QuickCam Pro**, select **QuickCam Pro**.

Installation for Windows® 95

1. For USB port QuickCam Pro cameras:

If you have a USB port version of the QuickCam Pro camera, first make sure you have the necessary version of Windows 95. (To find out which version you have, click on the Start bar, select Settings, double-click on the Control Panel, double-click on System, click the General tab, and verify that you have System: Microsoft Windows 95 4.00.950 B or C). If you do not have the necessary version of Windows 95, contact your computer manufacturer to get an upgrade. Proceed to step 2.

2. For both USB and parallel port QuickCam Pro cameras:

Place the QuickCam Pro CD-ROM in your CD-ROM drive. The QuickCam Pro installer begins. (If the QuickCam Pro install screen does not appear, you can start the installer by doing the following: click the **Start** button, click **Run**, select **Browse** to navigate to the CD-ROM drive, find and double-click on the file named **Setup.exe**. Click **OK**).

3. The install screen lists applications you can choose to install. Highlight and click **QuickCam Pro Software**. The setup program begins and guides you through the installation process.
4. When prompted for either Parallel or USB version, select the version of QuickCam Pro that you purchased (located on the front of the product box).

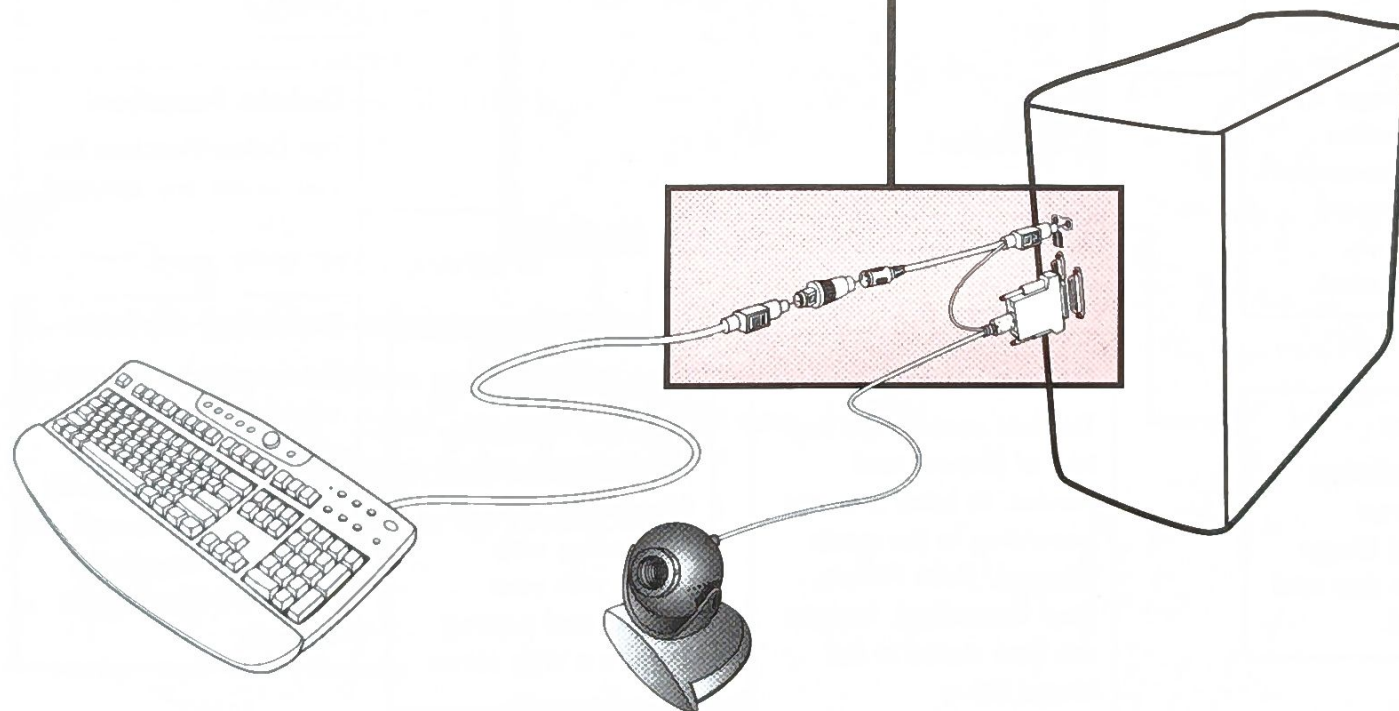
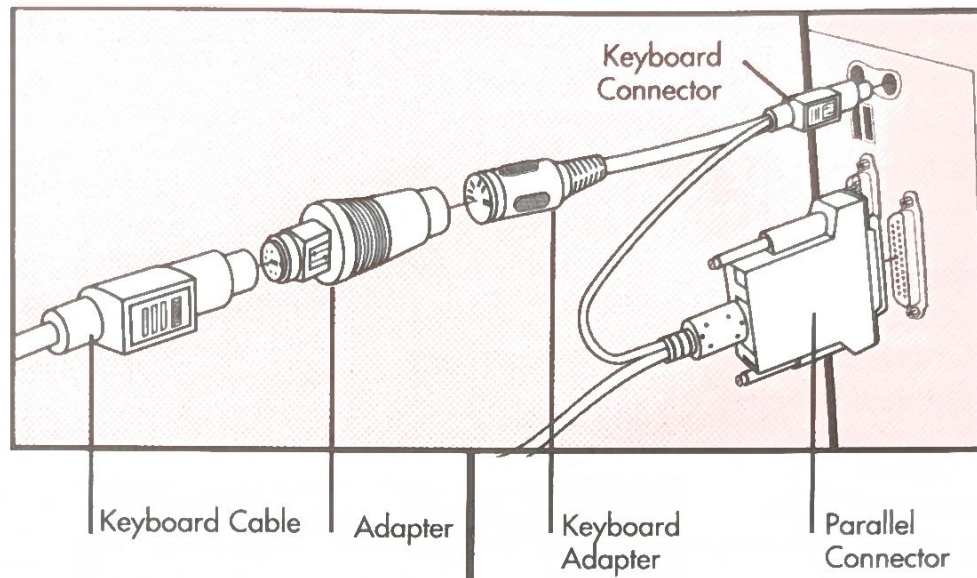
NOTE: If you have a USB version camera and your computer does not have USB support enabled, you need to contact the manufacturer of your computer.

5. When installation is complete, select **Yes, I want to shut down my computer now**. Turn off your computer and plug in your camera (see page 3). Restart your computer. Plug and play begins and detects the new hardware, and installs the necessary system software for your camera.
6. When installation is complete, begin using your camera: go to the **Start** bar, select **Programs**, select **Logitech QuickCam Pro**, select **QuickCam Pro**.

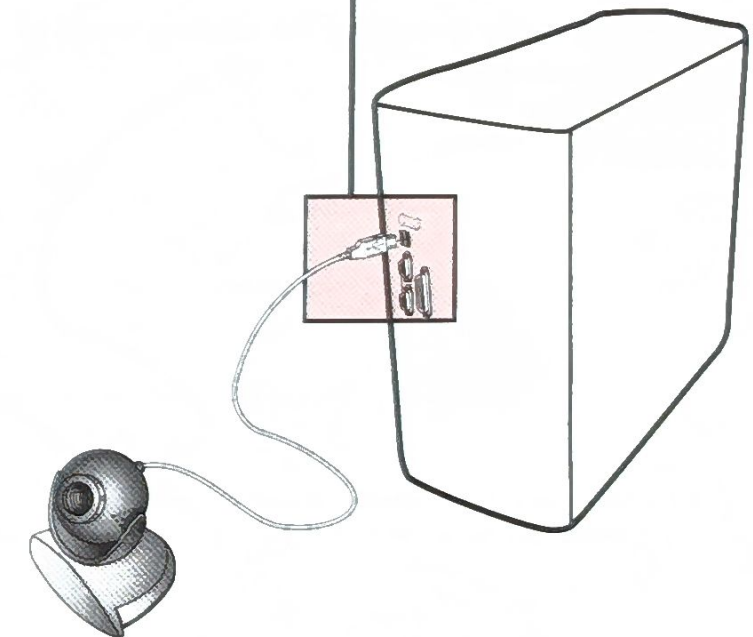
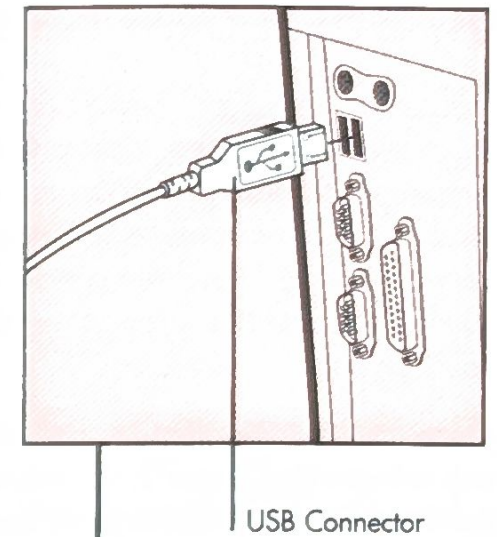
Applications you can choose to install

- QuickCam Pro Software
- Microsoft® NetMeeting™ and Internet Explorer™
- Adobe® PhotoDeluxe®
- iXla™ Web Easy™ Lite
- Digital Arts & Sciences ImageAXS™
- Connectix Desktop Designer™ Lite
- RealNetworks™ RealPlayer™

Parallel Port Version



USB Port Version



Using QuickCam™ Pro Software

This section shows you how to use your QuickCam Pro software to capture, view and manipulate pictures or movies. QuickCam Pro enables you to send pictures or movies, with associated audio, to your family and friends via e-mail, to post them to your web site or to edit and then store them on your computer.

Once you have installed the QuickCam Pro camera and software (see pages 2-3 of this manual), launch the QuickCam application from the **Start** menu: select **Programs, Logitech QuickCam Pro, QuickCam Pro**.

You are now ready to explore the exciting world of visual communications.

Mode Selection

These buttons allow you to switch between picture and movie capture mode. The "Settings" Capture Panel changes according to the mode selected.

Preview Window

Shows the image from the camera. You can capture this image by pressing the Action Bar. Displays the current status of the camera (timer countdown, recording indicator).

Status Text

Displays information about the current image such as image format, image size and mode selected.

Settings Tab

The Settings tab allows adjustments to brightness, contrast, color balance, and image size, with changes being reflected in the Preview Window, and lets you make adjustments to how images are captured.

Image List

Displays thumbnail images of pictures and movies you have captured. Click the right mouse button on an image to access image functions (print, edit, publish, and more). Double-click to edit (picture), or play back (movie).

Open an Image

Double-click on an image to open QuickCam viewer. To edit a picture, click on the edit icon; you can zoom in, rotate, change color qualities, flip or apply special effects. For movies, you can copy, mail or edit using a video editing program.

Delete Function

The Delete Function lets you delete any selected images.

E-mailer

The E-mailer lets you use your e-mail program to send pictures or movies (movies are automatically compressed). You can even set up an e-mail client within the E-mailer Wizard.

Action Bar

This bar controls the capture of pictures and movies. Its label changes according to the mode selected. (Take Picture, Start Recording). Images are then stored in the Image List.

Web Publishing

The Web Publishing Wizard guides you through the process of creating web pages with your images and posting them to a web server.



Software Installation

This section is for QuickCam™ installation (USB model only) on the USB equipped Mac OS computers.

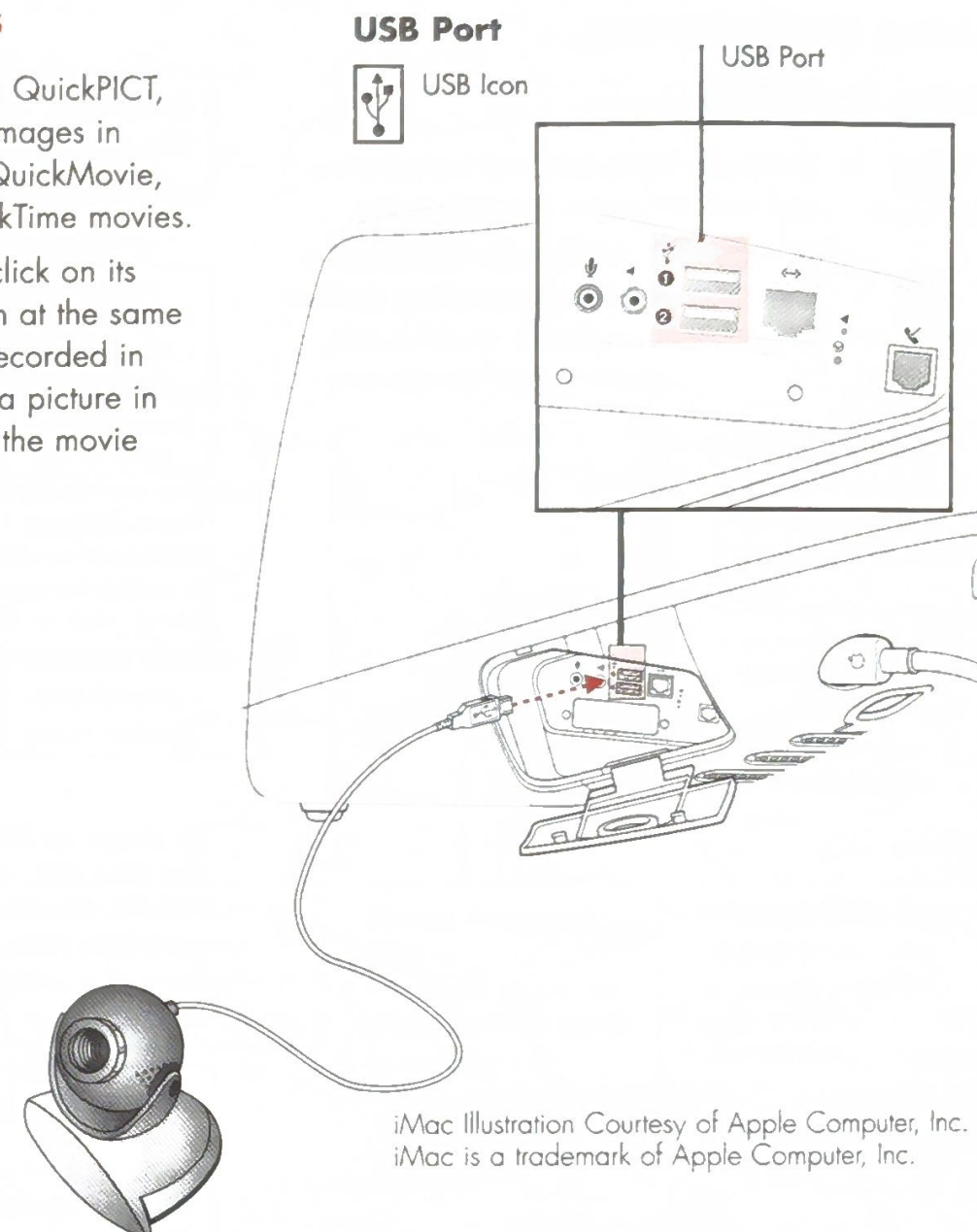
1. To install the QuickCam software, insert the QuickCam CD-ROM into the CD drive and double click on the QuickCam Installer icon. Do not install your camera at this point in the install process.
2. The QuickCam Installer dialog box appears. Choose "Easy Install" for the basic installation, or "Custom Install" for more control over the install process. Click the "Install" button once you have made your choice and selected the folder to which you want to install.
3. Once the installation process is complete it will be necessary to restart the computer to load the QuickCam extensions. Shut down your Macintosh and restart.

Installing the Hardware

1. Install the QuickCam software as described above.
2. While your Macintosh is restarting (or anytime after) plug in your QuickCam to the USB Port on your computer as shown in the illustration.
3. You are now ready to run the QuickCam applications.

Running the Applications

1. Two applications will be installed: QuickPICT, an application for capturing still images in JPEG, TIFF and PICT format and QuickMovie, an application for capturing QuickTime movies.
2. To start either application double-click on its icon. Both applications can be run at the same time, though if a movie is being recorded in QuickMovie, the action of taking a picture in QuickPICT will automatically stop the movie recording.



iMac Illustration Courtesy of Apple Computer, Inc.
iMac is a trademark of Apple Computer, Inc.

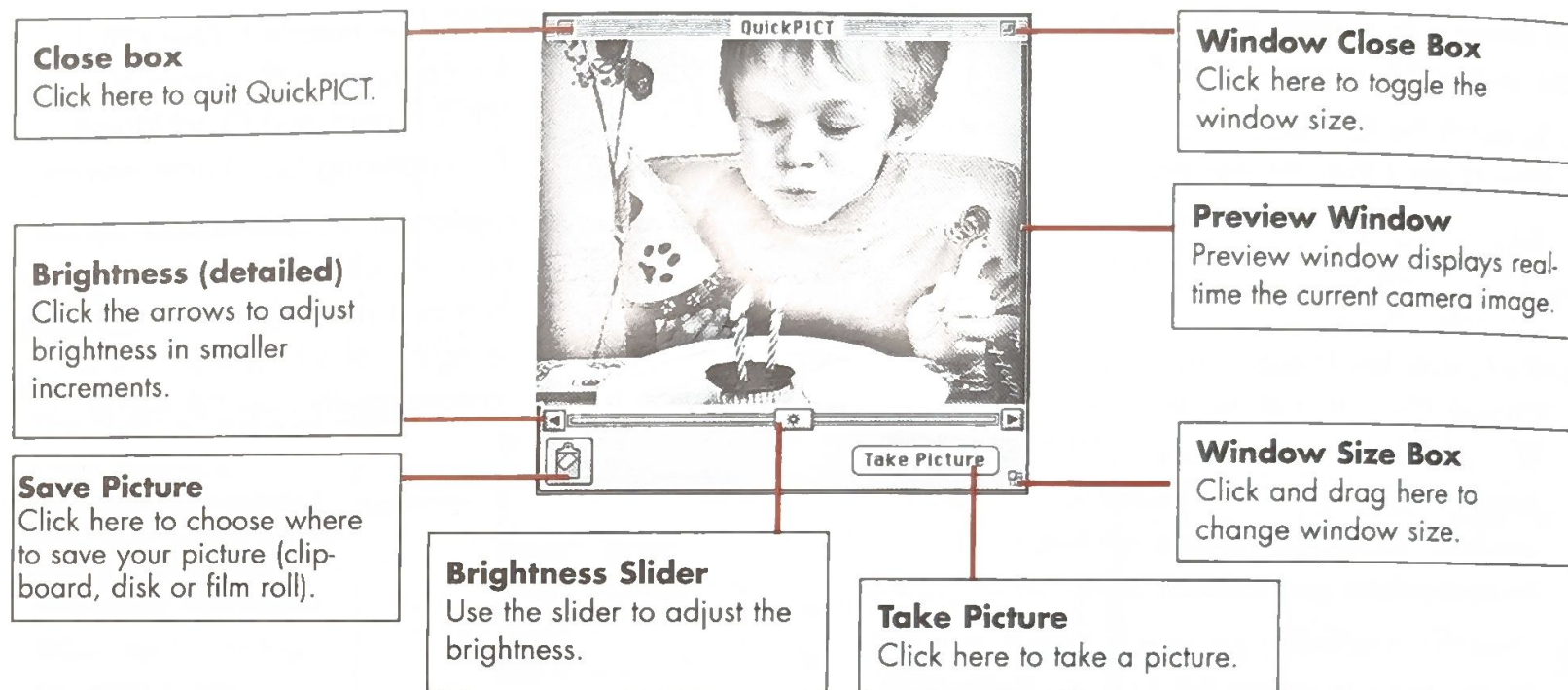
Using the Software

Using QuickPICT



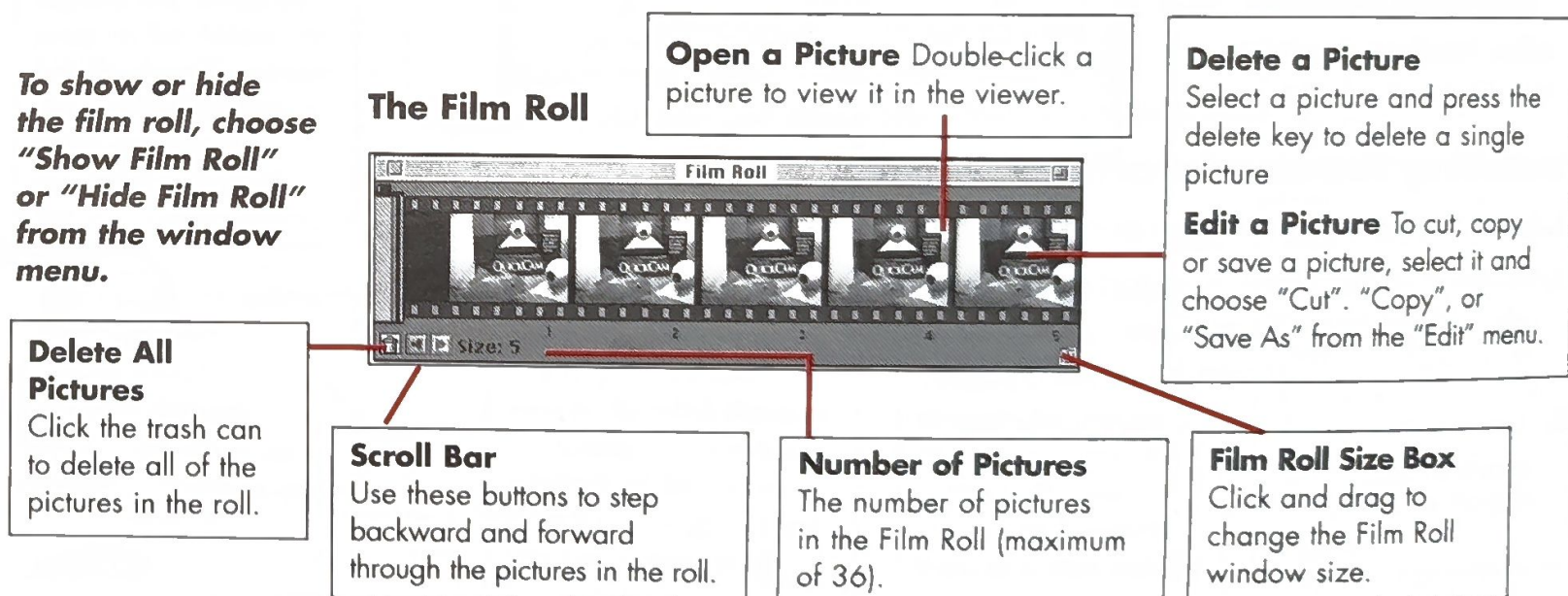
Once you have installed the software and plugged in the QuickCam Pro camera, launch either QuickPICT or QuickMovie by double-clicking on their respective icons.

The QuickPICT window



To show or hide the film roll, choose "Show Film Roll" or "Hide Film Roll" from the window menu.

The Film Roll



Using QuickMovie®



To start QuickMovie double-click its icon. QuickMovie starts in *Record* mode. Enter a name for your new movie.

Controls for Recording

This is the window that QuickMovie displays when you are recording a movie.

Close Box

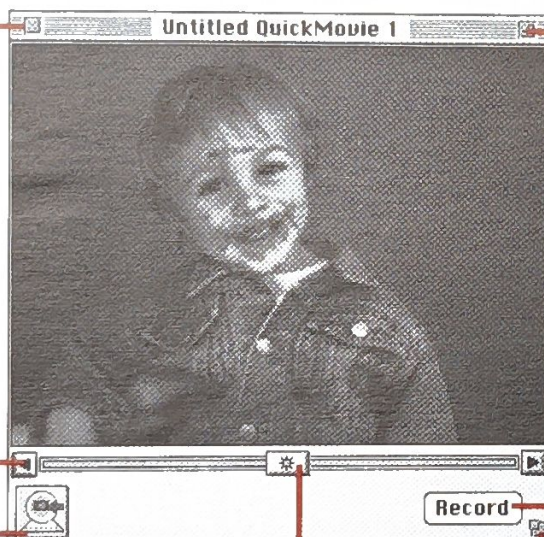
Click here to quit QuickMovie.

Brightness (detailed)

Click at either end of the slider to adjust brightness in small steps.

Record/Edit Button

This icon indicates "Record" or "Edit" mode.



Window Size Box

Click here to toggle the window size.

Record Button

Click here to record, and again to stop recording.

Brightness Slider

Drag this slider to adjust brightness.

Window Size Button

Click and drag here to change window size.

Controls for Editing

This is the window that QuickMovie displays when you are editing a movie.

Close Box

Click here to quit QuickMovie.

Volume Button

Click here to adjust volume.

Record/Edit Button

This icon indicates "Record" or "Edit" mode.



Window Size Box

Click here to toggle the window size.

Advance Buttons

Use these buttons to step backward and forward frame by frame.

Movie Progress Bar

The thumb shows the progress of the movie as it plays.

Window Size Box

Click and drag here to change window size.

TROUBLESHOOTING

For Windows

Parallel Port Version

I plugged in my QuickCam™ Pro camera before I installed the software and my camera won't work. What should I do?

If you have a parallel port QuickCam Pro camera and you plugged the camera into the parallel port before installing the software, do the following:

1. Shut down the computer (from the Start bar, select Shut Down, and Shut down the computer).
2. Turn off your computer.
3. Restart your computer, and follow the instructions on page 2 of this guide. Be sure to finish installing the software BEFORE you plug in the camera.

USB Port Version

Which version of Windows 95® do I need, for use with my USB camera?

Windows 95B and C are the only current versions of Windows 95 that correctly supports USB. There are some patches for Windows 95A, however these patches were created for unique devices on proprietary versions of Windows, and Logitech does not recommend, nor do we support the installation, or the usage of, the QuickCam Pro with any of these patches. For more information about this you can check the USB homepage at: <http://www.usb.org>.

To check which version of Windows 95 you are running, open the **Start** menu. Go to: **Settings** and select "**Control Panel**." Double-click on the **System** icon. On the **General** tab, you will see a list of system properties, the first of which will list Windows 95. The next line will say 4.00 950. The correct version should end in a "B" or "C."

I checked my system and confirmed that I have Windows 95 B, but I still can't install the USB version of QuickCam. Why?

In some instances, Windows 95B does not provide the necessary USB software. You must contact the manufacturer of your computer to obtain this software (the USB supplement).

Where can I get the correct version of Windows 95?

Windows 95B and 95C were OEM (Original Equipment Manufacturer) versions of Windows that were not offered through retail stores. The only way to get a certified version is to contact your computer manufacturer.

Using QuickCam Pro Help

QuickCam Pro includes an extensive help system, including context-sensitive help. If you have questions about how QuickCam Pro works, try the help system. To access help, select the Help menu from the main screen. There is a series of common questions and answers under **How Do I...?**

Many dialog boxes provide helpful hints; hold the cursor over an item for a second and any helpful hints automatically appear. You can turn the hints on or off by selecting **Hint Dialogs** from the Help menu.

SALES AND SUPPORT

If you experience problems while installing your camera or while using your camera, try the following:

1. Read this manual. It may only take a few moments to get the answers you need. Also, check the Read Me file. (Click on the Start bar, Programs, Logitech QuickCam Pro, Read Me.)
2. Check the QuickCam Pro FAQ (found at www.quickcam.com). It is possible that the issue that you are experiencing might be highlighted in this document.
3. You can also check the Help System that comes with QuickCam Pro. It provides detailed information on every aspect of using the program. From the Main Menu in QuickCam Pro, Click on Help.

You can contact us by fax, e-mail or telephone.

1. Write down the events that lead to the problem. Have you changed anything in your computer recently?
2. Have the following available when you contact Technical Support:
 - Registration number—on the Registration Card
 - Software version number—in *About Logitech QuickCam Pro*
 - PC model or Mac model
 - OS version
 - Windows: in *System Properties*
 - Mac OS: in *About This Computer*
 - How much RAM is installed
 - Windows: in *System Properties*
 - Mac OS: in *About This Computer*

LOGITECH ADDRESSES AND PHONE NUMBERS

Country	Address	Product Information (Infoline)	Technical Help (Hotline)
Benelux (B, LUX, NL) LOGITECH Northern Europe BV	Bedrijvenpark Lindenholt Kerkenbos 1045 NL - 6546 BB Nijmegen	☎ +31 (0)10 243 88 97 Nederlands ☎ +32 (0)2 626 89 63 Français (Belg.) ☎ +32 (0)2 626 89 61 Vlaams (Belg.)	☎ +31 (0)10 243 88 98 Nederlands ☎ +32 (0)2 626 89 62 Français (Belg.) ☎ +32 (0)2 626 89 60 Vlaams (Belg.)
Denmark & Finland LOGITECH Sales Office	Mesterladden 20 DK - 2820 Gentofte	☎ +45-35 44 55 16 Denmark ☎ +358 (0)9 81 71 00 21 Finland	☎ +45-35 44 55 17 Denmark ☎ +358 (0)9 81 71 00 21 Finland
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Österreich LOGITECH Repräsentanz	Görs 580, Postfach 77 A - 5580 Tarnsweg	☎ +43 (0)1 502 221 349	☎ +43 (0)1 502 221 348
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Sweden, Iceland & Norway LOGITECH Sales Office	Hästabäcksvägen 15B S - 141 37 Huddinge	☎ +46 (0)8 519 920 19 Sweden ☎ +47 (0)23 50 00 84 Norway	☎ +46 (0)8 519 920 20 Sweden ☎ +47 (0)23 50 00 83 Norway
UK + Eire LOGI (U.K.) Ltd.	The Old Court House 267-273 High Street GB - Dorking, RH4 1RL, Surrey	☎ +44 (0)181 308 6582	☎ +44 (0)181 308 6581

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European, Middle Eastern & African Headquarters			
LOGITECH Trading S.A.	Moulin-du-Choc CH - 1122 Romanel-sur-Morges	☎ +41 (0)21 863 54 00 English ☎ Fax +41 (0)21 863 54 02	☎ +41 (0)21 863 54 01 English ☎ Fax +41 (0)21 863 54 02
Corporate Headquarters			
LOGITECH Inc.	6505 Kaiser Drive USA - Fremont, CA 94555	☎ (800) 231-7717	☎ +1 702 269 3457
Asian Pacific Headquarters			
LOGITECH Far East Ltd.	#2 Creation Road IV Science-Based—Industrial Park ROC - Hsinchu, Taiwan		☎ +886 (2)7466601 x2206
Australia			
Logitech Australia Computer Peripherals Pty Ltd.	Level 2, 633 Pittwater Road AUS - Dee Why NSW 2099 Australia		☎ +61 (02)9804 6968 ☎ +61 (02)9972 3561
Canada			
Sales & Marketing Office	5025 Orbitor Dr., Bldg. 6 Suite 200 CDN - Mississauga, ON L4W 4Y5	☎ (800) 231-7717	☎ +1 702 269 3457
Japan			
LOGICOOL Co. Ltd.	No. 45 Mori Bldg.—5-1-5 Toranomon Minato-ku, Tokyo, Japan 105		☎ +81 (3)3578 8851
In Latin America and the Caribbean: Contact your local authorized distributor, or call our Customer Support Hotline in the USA, at ☎ +1 702 269 3457.			

* Refer to your Registration Card for the most up-to-date addresses and phone numbers.

Note: For USA and Canadian customers only: please read the following prior to exchanging or returning your product. To exchange or return your product within the first 30 days, we recommend returning it to the point of purchase. If you return or exchange your product through Logitech, you must first contact Customer Support to obtain a Return Merchandise Authorization (RMA) number. Customer Support will give you an RMA number and a special address for the exchange.

WORLD WIDE WEB

<http://www.logitech.com>

FTP: <ftp://ftp.logitech.com/pub>

SYSTEM REQUIREMENTS AND SPECIFICATIONS

For PC Users

- USB or parallel port equipped PC with Pentium 100 MHz processor
- Windows 95 (version 4.00.950B or later*), or Windows 98
- 16 MB RAM
- 10 MB available hard drive space for QuickCam Pro application
- CD-ROM drive for software installation
- SoundBlaster™ compatible sound card, speakers and microphone required for sending and receiving audio (full duplex sound card recommended), 28.8 Kbps modem minimum or network connection

QuickCam Pro Digital Camera Specifications

- Camera focus range: 6-inches to infinity
- Lens type: 6mm, f2.0
- Field of view: 46 degrees
- Number of colors: Capture up to billions (30-bit)
- Sensor resolution: 640x480 pixels (VGA size) CCD
- Optional lenses - telephoto and wide angle
- Standard tripod mount

QuickCam Pro PC Still Image Specifications:

- Formats: BMP, TIFF, JPEG, PCX, PSD, PNG, TGA
- Resolutions: 640x480, 352x288 (CIF), 320x240, 176x144 (QCIF), 160x120
- TWAIN compliant to acquire and edit still images with popular software packages

QuickCam Pro PC Video Specifications:

- Capture up to 30 fps based on image size, resolution and end user's system.
- Capture audio with video
- Video format: AVI, RM**
- Video resolutions: 640x480, 352x288 (CIF), 320x240, 176x144 (QCIF), 160x120.

For Mac Users

- USB equipped Mac OS computer
- 8 MB RAM
- Mac OS System 8.0 or higher
- Less than 2MBs of disk space for QuickCam applications
- 1 to 2 MB of disk space for each 10 seconds of video (compressed, 160x120pixels)
- 150KB of disk space for each 24-bit color photo for 320x240
- Microphone required to record sound in QuickMovie™
- Speakers for audio playback
- Color monitor capable of displaying 256 colors.
- CD-ROM drive for software installation
- 28.8 Kbps modem minimum or network connection for use over the Internet

QuickCam Pro Digital Camera Specifications

- Camera focus range: 6-inches to infinity
- Lens type: 6mm, f2.0
- Field of view: 46 degrees
- Number of colors: Captures up to Billions (30-bit)
- Sensor resolution: 640x480 pixels (VGA size) CCD
- Optional lenses - telephoto and wide angle
- Standard tripod mount

QuickCam Pro Mac Still Image Specifications:

- Formats: PICT, TIFF, JPEG
- Resolutions: 640x480, 320x240, 160x120

QuickCam Pro Mac Video Specifications:

- Capture up to 30 fps based on image size, resolution and end user's system.
- Capture audio with video
- Video format: QuickTime®, RM**
- Video resolutions: 640x480, 320x240, 160x120

* To find the operating system version of Windows 95, check the System Properties.

** RealNetworks™ File Format

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Part Number: 622384-0100

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FCC Compliance and Advisory Statement. This hardware 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. 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 or 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 the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

Canadian DOC Statement. This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of the Department of Communications.

Cet appareil numérique respecte les limites bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques," NMB-003 édictée par le Ministère des Communications.

This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

