

EXHIBIT C
User Manual

- Getting Start
- Quick Installation Guide
- User's Guide
- Registration Card

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- ❖ Please refer to full version of user's manual (pdf format) which is located in the Driver CD for troubleshooting and complete scanner operation.

CAUTION

**RISK OF ELECTRIC SHOCK.
DO NOT OPEN.**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO
NOT REMOVE COVER.

NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

GETTING STARTED

Following is the package contents for your reference. For quick installation please refer to our Quick Installation Guide (QIG). **Important! Save the original box, sales receipt, and all packing material for future shipping needs.**

Package Contents

- Film Scanner.
 - Power Adapter. **Warning! Using any other power adapter may severely damage the scanner and will void the product warranty.**
 - USB Cable For PF1800 AFL and PF3600 Pro. IEEE1394 Cable For PF1800Lab and PF3600 Pro.
 - Driver - CyberView 35 in CD.
 - Application Software - Adobe Photoshop Elements in CD.
 - User's Manual (including Quick Installation Guide and Warranty Card).
 - Slide Mount x 2
- Optional Accessory:
- IEEE1394 Interface Card (Not Included).

Operating Ambient Temperature Range 50° to 104°F (10° to 40°C)

Note: Do not turn on the scanner unless it is within this range. If the scanner has been stored or transported outside of this range, allow it to return to within this range before turning it on.

Operating Ambient Humidity Range 15% to 76% relative humidity (non-condensing)

Note: If the Scanner is stored or transported in cold temperature, and then brought into a warm, humid environment, condensation may occur.

QUICK INSTALLATION GUIDE

INSTALL SCANNER SOFTWARE...

- ❖ Be sure to install Adobe Photoshop Element before install scanner driver
- ❖ You may install the scanner driver directly if you have already installed Twain compliant application software or Mac plug-in in your computer.
- ❖ (Install the CyberView 35 driver first before you connect the film scanner to the host computer!)

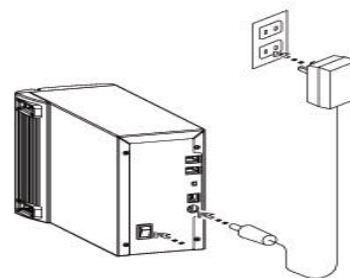
Scanner driver Installation:

- Place the scanner CD into the CD-ROM.
- The setup program will appear automatically on the screen.
- Click "Install CyberView TWAIN data source" to initiate the installation.
- Click "Next" to continue driver setup.
- Click "Install" to start the installation and follow the instruction on the screen.

CONNECT THE SCANNER...

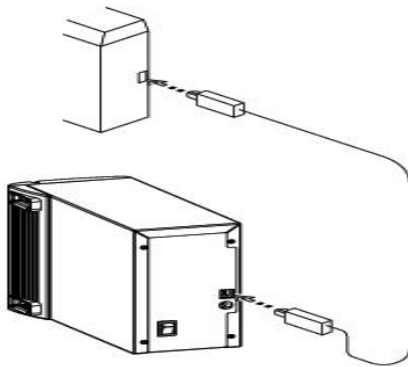
...to a power source

- Make sure the scanner power is OFF.
- Plug the DC jack with the scanner. (AC → DC)
- Plug the AC adapter with power source.



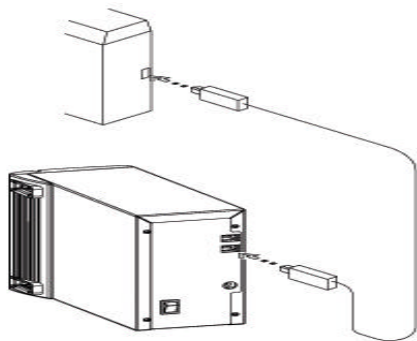
If the scanner comes with USB port...

1. Attach the appropriate USB cable end to the computer.
2. Attach the other end to the scanner.



If the scanner comes with IEEE 1394 port...

1. Attach the appropriate IEEE1394 cable end to the computer
2. Attach the other end to the scanner.

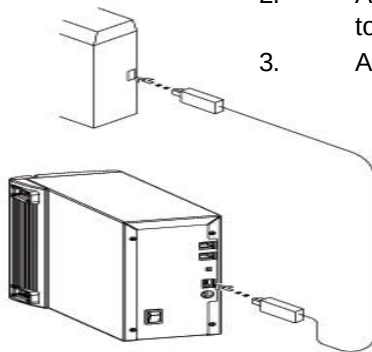


If the scanner come with both USB and IEEE 1394 ports...

❖ Please do not attach USB and IEEE1394 cables to the scanner at the same time.

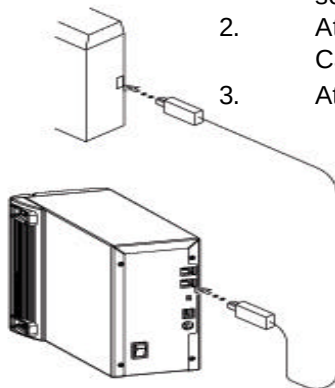
...to a USB port

1. Set the switch to point at USB symbol on your scanner, before power-on
2. Attach the appropriate USB cable end to the computer.
3. Attach the other end to the scanner.



...to a IEEE1394 port

1. Set the switch to point at IEEE1394 symbol on your scanner, before power-on
2. Attach the appropriate IEEE1394 Cable end to the computer
3. Attach the other end to the scanner.



LOADING THE SCANNER...

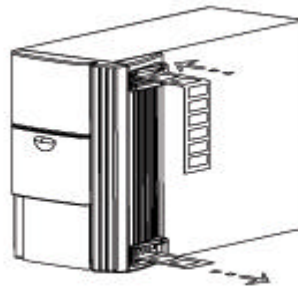
- ❖ **MAKE SURE THERE IS NO FILMSTRIP INSIDE THE SCANNER BEFORE YOU INSERT THE SLIDE.**

...with a filmstrip/roll film

Please use 35mm filmstrips at least 3 frames long (recommend 4 frames long) The scanner will load the filmstrip automatically when you insert 3 frames film. You can use color negatives, color slide film, or black and white negative films.

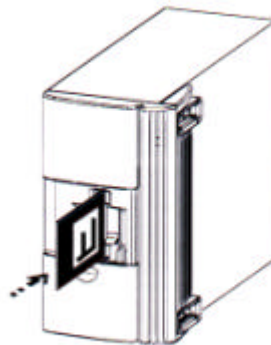
WE RECOMMEND THAT IF YOU HAVE FILMSTRIPS LESS THAN 3 FRAMES, PLEASE CUT IT INTO SINGLE PIECES PUT IT INTO PROVIDED SLIDE MOUNTS THEN SCAN IT.

1. Turn on the scanner and the computer.
2. Clean the film strip with a blower or a soft brush.
3. Make sure there is no slide inside the scanner.
4. Make sure the image of the film is right up.
5. Feed the filmstrip gently from the upper side until the film is pulled into the scanner.

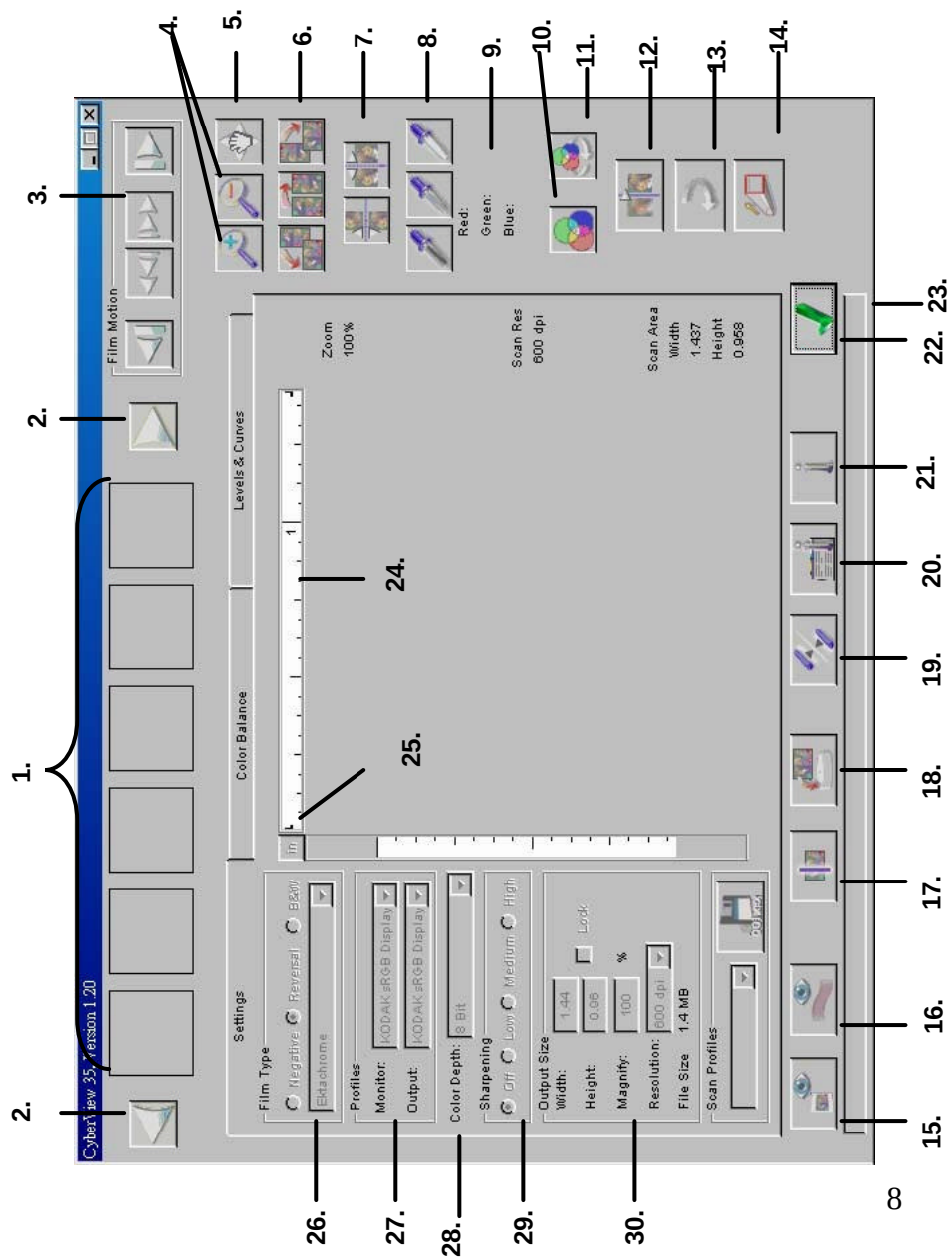


...with a slide

1. Please use single mounted 35mm slides.
2. Push the front sliding door down until it locks into the position.
3. Hold the slide vertically with the image side facing left and longer side to slot.
4. Push slide gently and completely into the scanner.
5. To remove, push the Eject button next to the slot and pull slide out from the scanner.



FILM SCANNER USER'S GUIDE



General Screen Layout

1. **Thumbnail images:** this area displays thumbnails of the frames you have prescanned.
2. **Scroll left and scroll right buttons:** (scroll filmstrip thumbnails): if more than 6 images have been prescanned, you can use the scroll left and scroll right buttons to scroll through the thumbnail images.
3. **Film motion:** (reverse eject, reverse, forward, forward eject): move the filmstrip in the scanner.
4. **Zoom in and zoom out:** use these two buttons to zoom in or out on the previewed image.
5. **Move:** click this button to turn the pointer into a hand icon, which when clicked and dragged on the previewed image, changes the portion of the image displayed.
6. **Image rotation:** (90 ° counterclockwise, 180 ° , 90 ° clockwise): click the appropriate button to rotate the previewed image.
7. **Flip horizontal and flip vertical:** click the appropriate button to flip the previewed image.
8. **Black pointer, gray pointer, and white pointer:** use these buttons to set the black, gray and white points of the previewed image.
9. **CMYK or RGB value:** these fields display the color values for the single pixel below the current pointer location.
10. **Auto balance:** toggle this button to control whether the scene balance algorithm is applied or not.
11. **Default balance:** click this button to apply the default color balance.
12. **Auto-focus:** click this button to perform auto-focus for the mounted slide or filmstrip in the scanner.
13. **Undo:** click this button to undo the last function performed.
14. **Image window:** click this button to display a second window – the image window – it allows you to view the previewed image in greater detail.
15. **Prescan frame:** click this button to perform a prescan and create a preview of the image.
16. **Prescan strip:** click this button to create a preview scan of each of the frames in the filmstrip.
17. **Scan:** click this button to perform a scan of the slide or of all the selected frames in a filmstrip.

18. **Scan to file:** click this button to perform a scan on all selected frames and save each of the image directly after scanned.
19. **Calibration (light source):** the light source is calibrated each time when you turn on the scanner. You can use this button to manually control the frequency of the light source calibration.
20. **About (Version Numbers and Firmware Upgrade):** Click this button to display the scanner and firmware upgrade information.
21. **Help:** click to open an electronic version (PDF format) of this user manual.
22. **Exit:** click to close the scanner software window.
23. **Status Bar:** displays the scanner status messages and a brief description of each control when the pointer is over the control.

Image Area

24. **Units and Rulers:** click the icon at intersection of the vertical and horizontal rulers to set the units preference.
25. **Tab Position (for filmstrip only):** use these tabs to move the frame to its proper position in case the scanner mis-positioned the frame.
26. **Film Type (Negative, Reversal, B&W, and Film Terms):** use the radio buttons to select color Negative, color Reversal or B&W negative. The Scene Balance (SB) is automatically applied for color and B&W negatives, but is not automatically applied for a Reversal.
27. **Profiles (Monitor and Output):** select your color monitor and output space from the drop-down list provided with the scanner software.
28. **Color Depth:** select Color Depth by choosing either 8 bit or 12 bit per channel from the Color Depth drop-down list.
29. **Sharpening:** use these choices to adjust the level of edge definition between image elements. Choose Off, Low, Medium, or High as the sharpening level.
30. **Output Size and Input Values (Width, Height, Lock, Magnify, Resolution, File Size):** the input values and output values are all interrelated. A change in one of the parameters may change another parameter.

ACQUIRE SCANNER IN PHOTOSHOP ELEMENTS

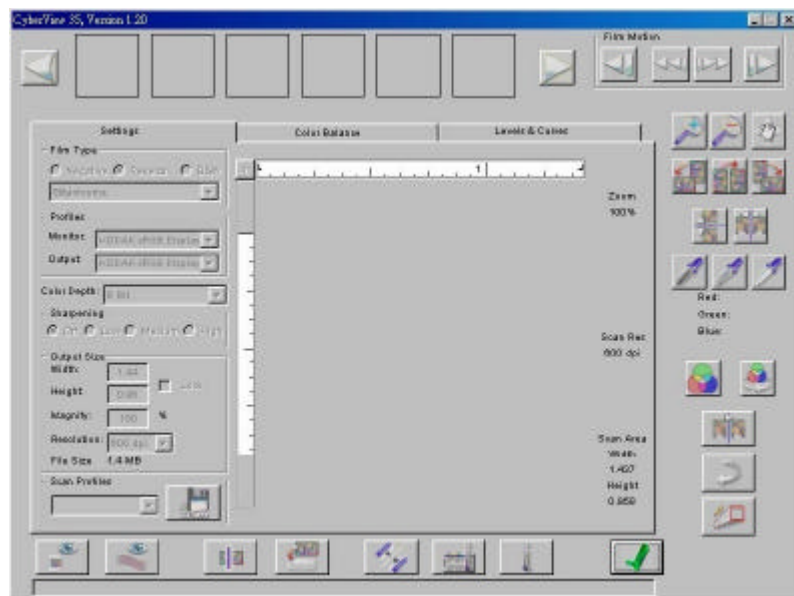
Follow the steps in this section each time when you use the scanner.

1. Turn on your computer & scanner. The upper-right LED light is on when scanner is connected with power.
2. Turn on other devices, if necessary..
3. Open Adobe Photoshop Elements.
4. Launch the scanner driver, CyberView 35, on your Macintosh or PC-compatible as follows.

Macintosh. Choose CyberView 35 from the “Import” submenu of the Adobe Photoshop Elements “File” menu.

PC-compatible. Choose CyberView 35 on the “Import” submenu of the Adobe Photoshop Elements “File” menu.

5. You will see the following screen:



PRODUCE SCANNED IMAGES

A. Prescan Your Filmstrip

With a filmstrip, you can select a single image to prescan (step 1 below), or you can prescan the entire filmstrip and roll film (step 2 below). Even if you want to prescan a full strip or roll film, It is recommended that you start with step 1 to ensure proper frame alignment.

Prescan a single image

1. Advance the filmstrip to the desired image using the Reverse and Forward buttons in the Film Motion area of the software after you preview the films. From left to right the buttons below are Reverse Eject, Reverse, Forward, and Forward Eject.



2. Prescan the single frame currently located in the scan position in the scanner by clicking the Prescan Frame button.



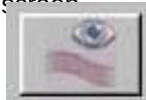
3. If the frame is not centered properly in the scan position, use the tab positions as needed to move the filmstrip in fine increments over the



Instruction: move any of the "Tab Position Indicator" to the edge of the film then the scanner will move the film to its proper position automatically.

Prescan the entire filmstrip/roll film

1. Click the Prescan Strip button; the entire filmstrip/roll film is prescanned. Thumbnails will appear across the top of the screen, and the first image scanned will automatically appears in the image area in the center of the screen.



2. Scroll the thumbnails (if more than 6 frames) by clicking the arrows at either end of the thumbnails until the image you want to scan is visible.
3. Click the thumbnail of the image you intend to scan; a red border surrounds the thumbnail and the image appears in the preview image window in the center of the screen.
4. To select multiple frames for scanning, hold the "Ctrl" key and click on the thumbnails to select them for scanning.

B. Scan Selected Frames

1. Click the scan button to perform a scan to the selected frame or frames. The result of this scan will be sent to Photoshop Elements.



As an alternate to the Scan button, you can click the Scan to File button. The resulting image from this scan is saved directly as a file, without the intermediate step of opening the image in a Photoshop window.



Fine-tune Color (Color Balance and Levels & Curves Tabs)

A. Color Balance

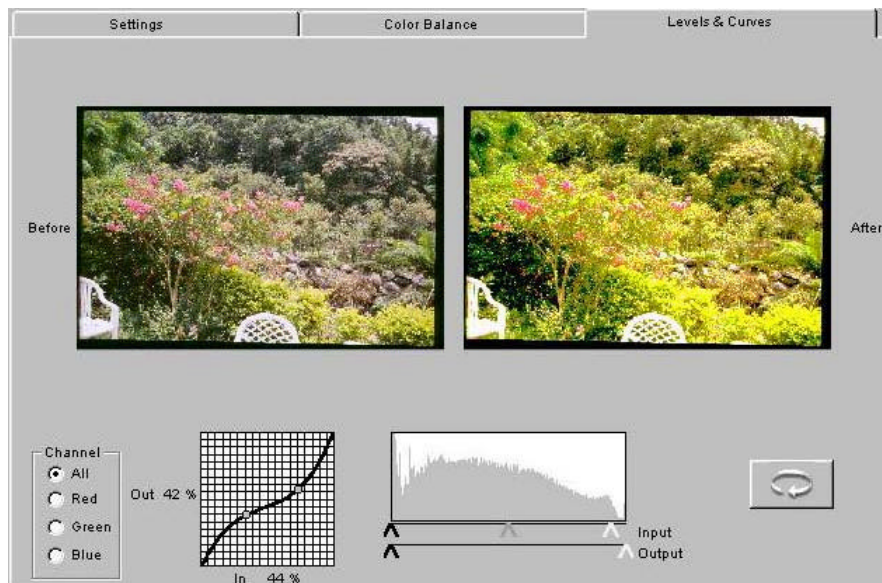
1. Click the Color Balance tab to access controls for color balance, brightness, contrast, and saturation. Note that a Before and an After version of the current image appear on this tab.
2. Adjust the values for Brightness, Contrast, and Saturation by dragging their sliders or by entering an integer from –100 to 100 into the field next to the slider; the numbers represent percentage values.
3. Adjust the values Cyan/Red, Magenta/Green, and Yellow/Blue by dragging their sliders or by entering an integer from –100 to 100; the numbers represent percentage values.



B. Level & Curves

1. Click the Levels & Curves tab for more advanced tools for adjusting color. Note that a Before and an After version of the current image appear on this tab.
2. Set the channel to All, or separately to Red, Green, or Blue; the histogram and tone curve choices apply to your Channel selection.
3. Create up to 4 new points on the tone curve by clicking in the grid or Control-clicking (Windows) or Command-clicking (Macintosh) on the desired position on the Before image. Points on the curve are fixed until you move or delete them. Move a point by dragging it to a new location; delete a point by dragging it off the side of the curve.

The histogram and tone curve functions behave similarly as in the Photoshop version.



TECHNICAL SUPPORT

CyberView 35

For questions regarding the scanner or CyberView 35 Driver, please contact Pacific Image Electronics's technical support.

Website: <http://www.scanace.com>

For products purchased in the United States of America:

Telephone: +1-310-618-9935

Fax: +1-310-618-8200

E-mail: support@scanace.com

For products purchased outside US:

TEL:+886-2-2698-0369

Fax: +886-2-2698-0368

E-mail: sales@scanace.com

Adobe Photoshop Elements

For question regarding Adobe's software, please contact Adobe Inc. support.

Website: <http://www.adobe.com>

WARRANTY & REGISTRATION

•You must be registered to:

- Call our technical support hotline.
- Be informed of future software updates.
- Receive information on new products and special offers.

Pacific Image warrants this product to be free from defects of material and workmanship for one (1) year from the date of purchase. During the warranty period, Pacific Image will repair or replace, at its option, the product at no charge to the customer. The replacement unit may be remanufactured unit or a unit of equal or greater functionality. After one (1) year, customer shall pay for all parts labor and service.

If a unit is replaced during the warranty period, the original warranty shall remain in effect until the end of the one (1) year period or 30 days, whichever is longer. This warranty shall not apply if customer: (1) abuses or modifies Product or Software; (2) operates the system in an environment with excessive dirt, moisture, chemical fumes, extreme temperatures or other improper conditions; or (3) operates the Product with other Software or Hardware not specified for the Product.

Please fill out the following information, or tape your business card here.

First Name: _____ Last Name: _____

E-mail: _____ Date of Purchase: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Model: _____ Serial Number: _____

Mail this form to: Pacific Image
1830 W. 208th Street
Torrance, CA 90501

❖ USA only

INFORMATION TO THE USER

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.

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device. Pursant 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 radio/TV technician for help.

This booklet is available from the US government Printing Office
*washington, DC 20402, Stock No. 004-000-00345-4.

CAUTION: Any changes of modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.

The shielded USB cable and IEEE-1394 cable with ferrite core mounted are to be used in order to ensure compliance with FCC Part 15, and it is the responsibility of the user.