



## ***Picture Rescue User's Guide***

**PROSOFT**  
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## **1 Introduction**

Thank you for purchasing Picture Rescue! Prosoft Engineering, Inc.'s Picture Rescue is an easy-to-use utility for recovering your photos and movie clips from digital camera media cards. It can often recover photos which have become inaccessible to your normal programs due to media corruption, or accidental deletion or reformatting. Picture Rescue can recover from most digital camera media types, including SmartMedia, CompactFlash, Memory Sticks, and others. See section ? for more details. Picture Rescue borrows technology from its big brother -- Prosoft Engineering's highly acclaimed Data Rescue product. Like Data Rescue, Picture Rescue does not alter or attempt to repair your media, but instead recovers data using non-destructive reading.

## **2 System Requirements**

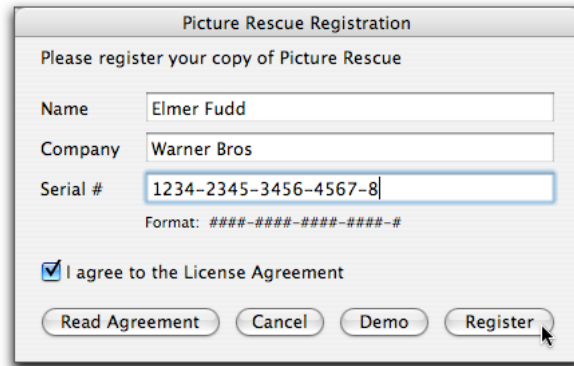
Picture Rescue requires Macintosh OS X version 10.2 or later. 128MB or more of system memory is recommended. You should have free disk space of twice the size of the media card being recovered from, plus room for the recovered images themselves. A USB or FireWire based digital camera card reader, such as those available from Adorama, SanDisk, Fujifilm, Lexar or similar, which is compatible with your camera card format, is recommended. (Note: Certain digital cameras can be attached to the USB or FireWire buses directly. If those cameras appear as a standard disk device to the Macintosh system, then Picture Rescue may be able to recover directly from the camera. However, if the camera requires a special proprietary program to access the data, Picture Rescue will not be able to scan it; in that case, you will need to use a card reader device.) An internet connection is required to register the product and to download updates.

## **3 Installation**

To install, simply drag the Picture Rescue icon from the distribution disk into your Applications folder. (To uninstall, drag the Picture Rescue icon from the Applications folder to the Trash.)

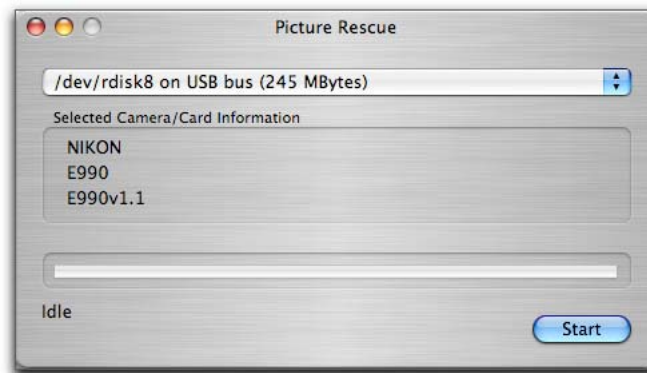
## **4 Running Picture Rescue**

When you start an unregistered copy of Picture Rescue, you will be presented with a dialog window such as that in Figure 1. (A registered copy will bypass this dialog.) If you are ready to register the product, fill in the information and click the Register button. If you wish to run without registering, click the Demo button. (Note: Unregistered software allows you to scan and display thumbnails of your photos, but does not allow you to view it full size. In addition, it allows you a one-time single recovery of a photo. To recover more than one photo, please register the software. If you do not have a serial number, you may purchase one from Prosoft Engineering, Inc. by visiting our web site at <http://www.prosofteng.com>).



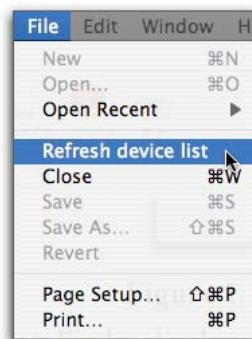
**Figure 1. Picture Rescue Registration Window**

After this, Picture Rescue displays the scan window, as shown in Figure 2. There may be a short delay while Picture Rescue looks for storage devices on the USB and Firewire buses. The devices Picture Rescue finds are displayed in the pull-down menu.



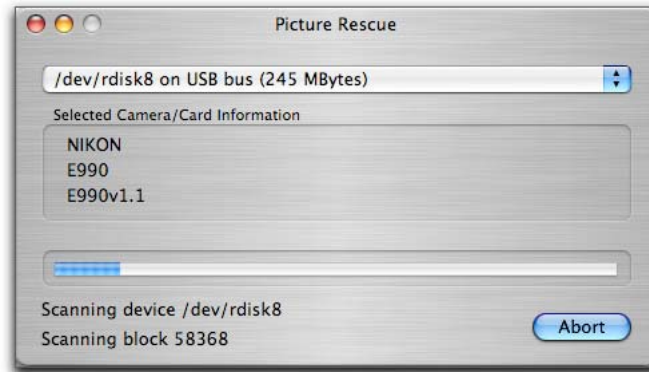
**Figure 2. Picture Rescue Scan Window**

Choose the media to be scanned using the pull-down menu. Note: If you have plugged in the media card after you started Picture Rescue, you may need to go to the File menu and choose the “Refresh device list” item, as shown in Figure 3, if your device doesn’t appear there.



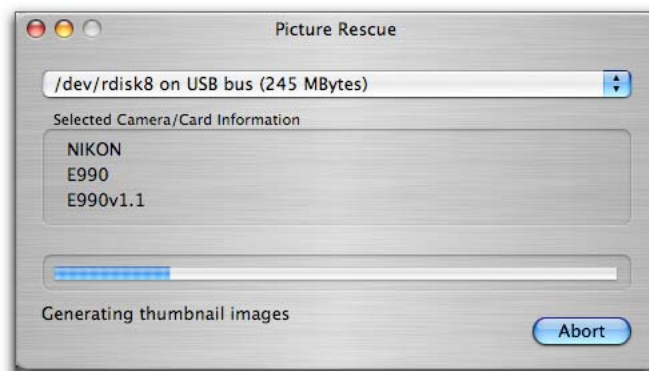
**Figure 3. Refreshing the Pull-Down Menu**

To start the scan, click the Start button. The Scan Window will show you the progress of the scan, as in Figure 4.

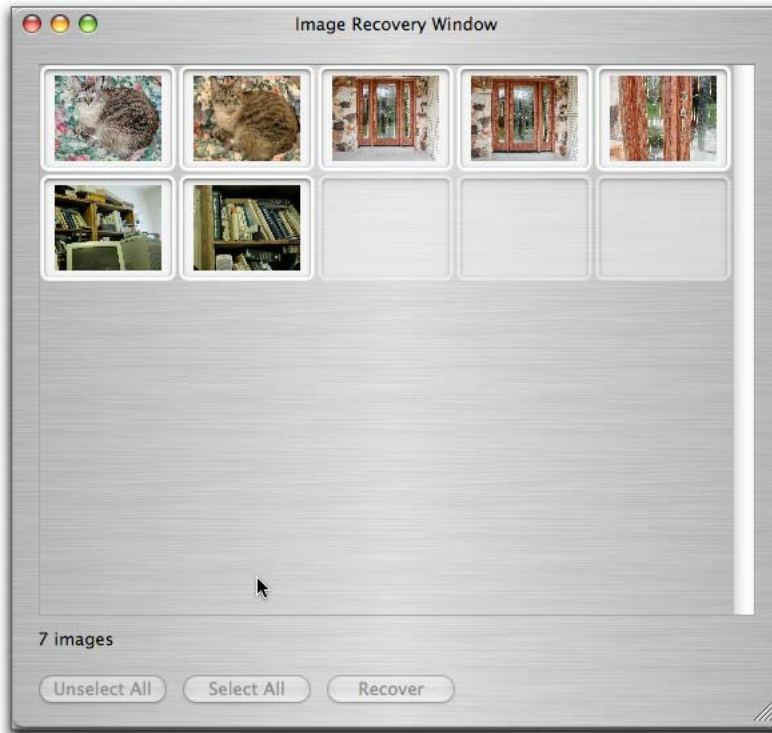


**Figure 4. Scan Window during a scan.**

The time needed to do a scan depends on a number of factors, including the speed of the reader device, the speed of the bus it is plugged into, how big the digital media card is, and what sort of condition the data is in. During the scan, a blank Image Recovery Window is also visible. After the scan is completed, some additional processing will occur, and then thumbnail versions of the photos that were found are added to the Image Recovery Window. Figure 5 and Figure 6 show the windows during thumbnail generation.



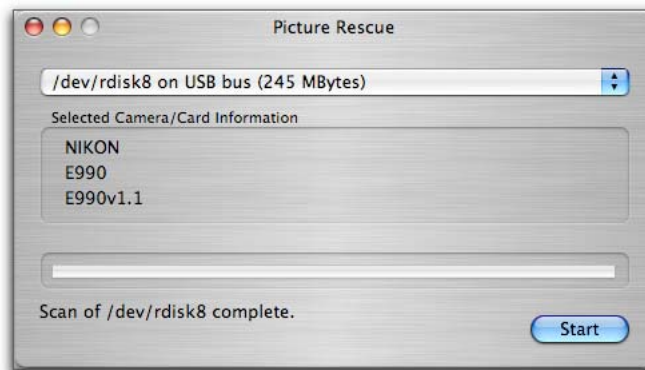
**Figure 5. Scan Window during Thumbnail Generation**



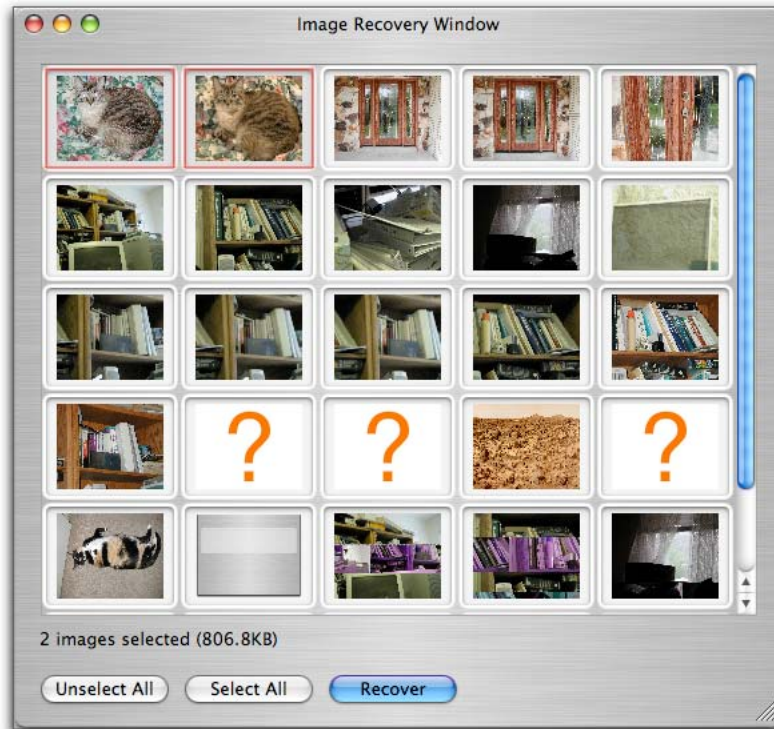
**Figure 6. Image Recovery Window during thumbnail generation.**

## **5 Recovering the Files**

Figure 7 and Figure 8 show the windows at the completion of the process.



**Figure 7. Scan Window after scan.**





**Figure 8. Image Recovery Window after a Scan.**



### ***5.1 What's Shown in the Image Recovery Window?***

The Image Recovery Window (an example is shown in Figure 8) displays either a thumbnail image, which is a miniaturized version of the photo on the media, or one of several special icons. If a thumbnail is displayed, and if it appears to be intact, then it is highly likely that it represents a good, recoverable photo and that the recovered file will be valid and intact.

If the box is empty (grey) or contains a large question mark, the corresponding file is most likely damaged or incomplete. You may wish to recover these anyway, and try to open them in an application such as Adobe PhotoShop. In some cases, a portion of the image may be visible this way.

Some other special icons are shown in cases where Picture Rescue is unable to generate a thumbnail image, even though the underlying file is good and recoverable. Some examples of formats which Picture Rescue can recover, but not display a thumbnail image for, are movie clips, and various types of raw image formats normally used only by professional photographers. Table 1 shows the icons.

Icon	Meaning
	MPEG movie clip
	Quicktime movie clip

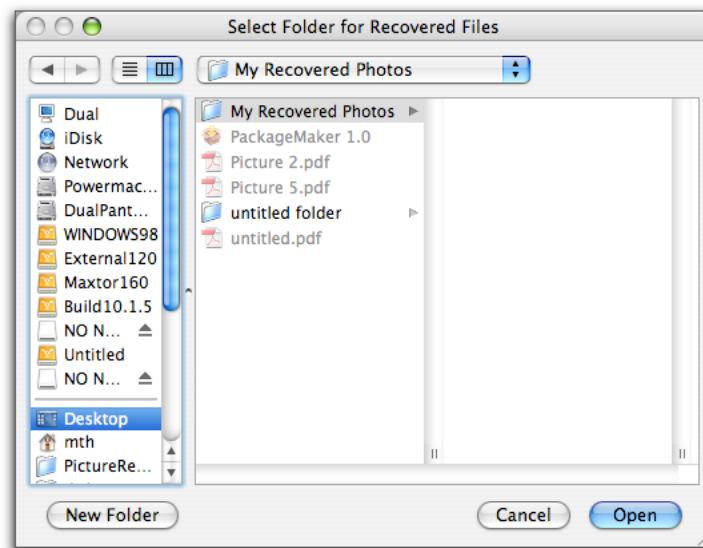
	Raw photo format
	Damaged or incomplete photo
blank	

**Table 1. Special Icons in Image Recovery Window**

## 5.2 Viewing and Recovering Images

To view a full-sized image, you can double-click the thumbnail image. Picture Rescue will recover the image to a temporary file, and open your default image viewer on it. (Note: This feature only works if you have registered Picture Rescue.)

To recover the image files to your disk, select the ones you want to recover using the mouse. Selected images are outlined with a red rectangle. You can use normal Macintosh mouse methods such as click and drag to select a group, command-click to select individual ones, etc. As you change your selections, at the bottom of the window you can see the number of images you have selected, and the total size of the files selected. Once you have selected the images, click Recover. You will see an Open dialog, as in Figure 9, where you can navigate to the directory where you want the recovered files to go. Click New Folder to create a new folder for the recovery.

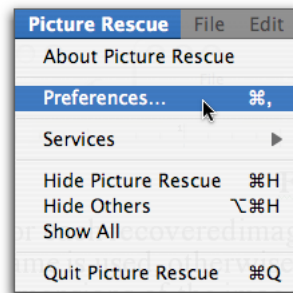


**Figure 9. Choosing a Folder for Recovery**

For each recovered image file, if Picture Rescue could find the original name of the file, that name is used, otherwise Picture Rescue makes up a new name for the file based on the dimensions of the image and it's type, for example J1024x768-1.jpg for a 1024 by 768 pixel JPEG image.

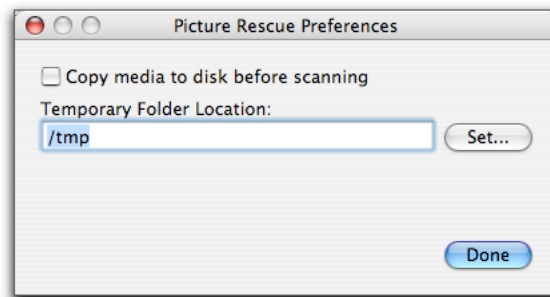
## 6 Preferences

Picture Rescue has a few options which may be set by choosing the Preferences menu item, as shown in Figure 10.



**Figure 10. Preferences Menu Item**

This will bring up a preference window, as shown in Figure 11.



**Figure 11. Picture Rescue Preference Window**

### 6.1 Copy Media to Disk Before Scanning

If this box is checked, the digital media card to be scanned will first be copied to a temporary hard disk file, then Picture Rescue will use that file to do the scanning and recovery. If your computer's USB bus or the device you're trying to scan is USB 1.x, then checking this option may speed up certain parts of the processing, particularly the generation of thumbnail images. The default is unchecked.

### 6.2 Temporary Folder Location

Picture Rescue needs to create a temporary folder to use during its processing. (The folder is named PictureRescueTemp.) The default location of this folder is in the “/tmp” directory, which is on your boot volume. You can change the place where the folder will be created by either typing in a path to a different folder, or by using the Set... button. If your boot drive is tight on space, you may wish to use this preference to choose a folder on a different volume that has more free space.