

Nikon Capture Procedures

Shooting the camera

- plug in the firewire cable
- **CAUTION** always turn off the camera before plugging in the firewire cable or changing memory cards.
- set the left dial to “PC” see figure 1
- launch Nikon Capture
- under the view menu select “camera control”
- shoot in .nef or “raw 12 bit” Data Format see figure 2 & 3
- set your lights and exposure then click the shoot button



figure 1

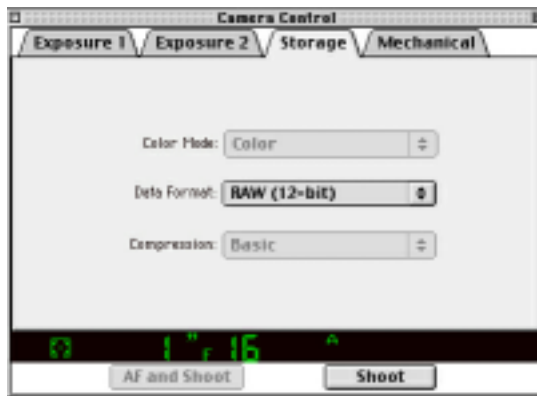


figure 2



figure 3. Your file should appear like this in capture.

Saving the image

- save original image use the .nef extension
name it according to the line list
if it is not clear what to name a shot ask
- Nikon Capture can get buggy when saving files over the network
save the files to your local disk then copy them to the “Studio” volume later
photographers are given read/write access to the “Studio” volume
production and design people have read only access to the “Studio” volume
put the images in a folder with the job name.
- if you are saving multiple shots of the same subject append the file name with a number
ie: “karina01.nef”, “karina02.nef”

Nikon Capture Procedures

Making .jpg's for shot selection

- make a copy of the images on your local drive
 - Capture gets buggy when working an image over the network
- organize your files into folders see *figure 4*

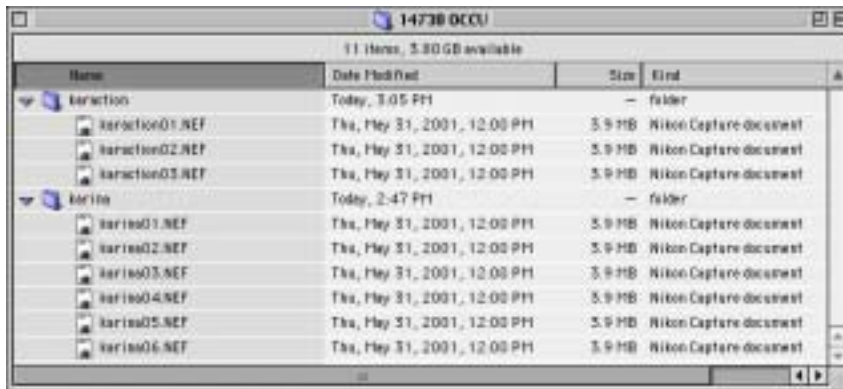


figure 4

- In Capture go to the file menu and choose “load images from card” then select your folder
- You should get a strip of images like *figure 5*



figure 5

- Capture will rename your files when it loads the thumbnails but they open in the same order as the images in your folder.
- Go to the image menu “Select all thumbnails”
- Go to the file menu “Save final images”
- see *figure 6* for the settings
- click the “File Names” button
- put in the prefix and starting number see *figure 7*
- rotation is quicker in Photoshop

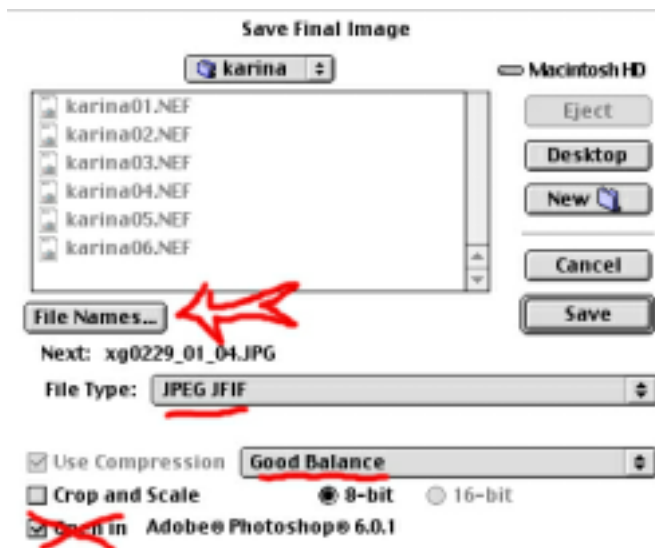


figure 6

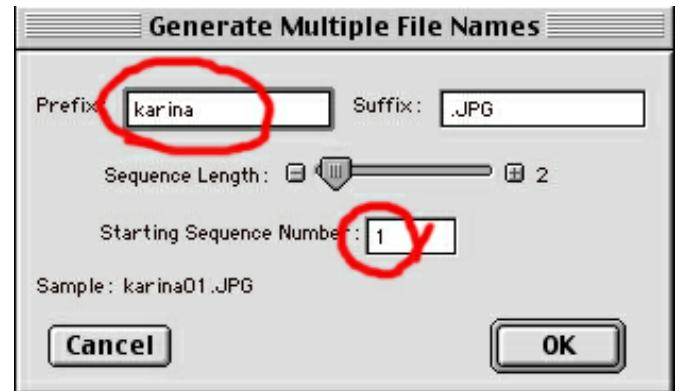


figure 7

- If you use the open in Photoshop function it will significantly slow down the process.
- You should have a new .jpg for each image as shown in figure 8
- *These .jpgs should be used for shot selection only.*
- *I would use the contact sheet function in Photoshop to make an inkjet or the web gallery function to make them quickly viewable on screen.*

File Name	Date	Size	Type
karina	Today, 3:51 PM	—	folder
karina01.JPG	Today, 3:46 PM	1.1 MB	Photoshop® JPEG file
karina01.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document
karina02.JPG	Today, 3:47 PM	1 MB	Photoshop® JPEG file
karina02.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document
karina03.JPG	Today, 3:48 PM	972 K	Photoshop® JPEG file
karina03.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document
karina04.JPG	Today, 3:49 PM	1.1 MB	Photoshop® JPEG file
karina04.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document
karina05.JPG	Today, 3:51 PM	1 MB	Photoshop® JPEG file
karina05.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document
karina06.JPG	Today, 3:52 PM	1 MB	Photoshop® JPEG file
karina06.NEF	Thu, May 31, 2001, 12:00 PM	3.9 MB	Nikon Capture document

figure 8

Nikon Capture Procedures

Generating High Resolution Tifs

- open the .nef in Capture
- go to the unsharp mask pallet make sure it is turned on, the check mark is the on/off button see figure 9 drag the sliders all the way out to 0 and 255
- under the setting menu go to unsharp mask, load settings, locate the settings folder (a copy is located with this file. see figure 10)
- If you are uncertain which one to use, try one and check it in Photoshop. The preview in Capture is not accurate. It will look oversharpened in Capture.



figure 9

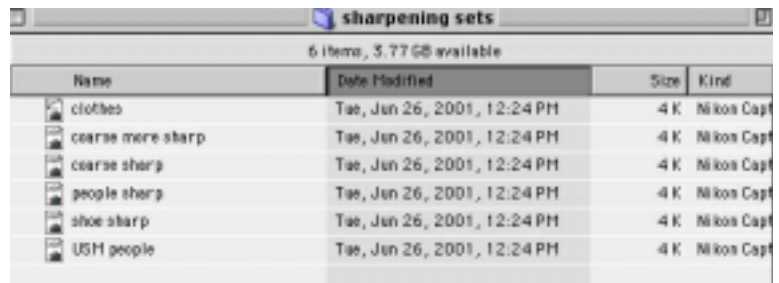


figure 10

- Go to the file menu and select “save final image” see figure 11

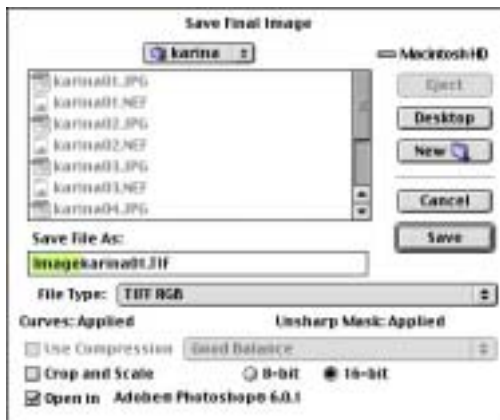


figure 11

- Capture always puts “image” as the prefix of the file name. Delete it.
- Normally you want to check the sharpening in Photoshop at the beginning of a group of images.
- 16-bit functions are limited in Photoshop, do as much work as possible in Photoshop before converting the mode to 8-bit.
- Use the file type TIFF RGB. We get better results at this time by making the CMYK separation in Photoshop.

- Scaling in Capture is buggy but it is the ideal place to enlarge an image since it is working in 16-bit.
- Use the pixel function.
- In figure 13 the image is going up 200%

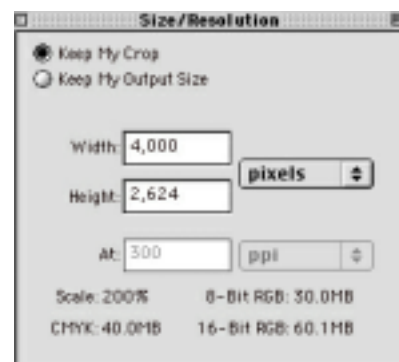


figure 13