

## Mount DJI Phantom 3 Flight Data Drive in Mac OS X

Many of you already know that you cannot put a Phantom 3 in “Flight Data Mode”, plug it into a Mac and have the microSD card in the UAV automatically mount. Some have figured out that you can make a disk image using the Disk Utility app.

Here is a method using the Terminal.app that will allow you to have the microSD card mounted just like any other external drive:

1. Put the UAV in Flight Data Mode
2. Connect it to your MAC via USB
3. Open a Terminal window
4. At the prompt, type the following:  
**diskutil list /dev/disk2**

If your Mac has more than one hard drive you may need to change the disk number to 3 or 4. The OS drive will be disk0.

You are looking for something like:

**/dev/disk2 (external, physical):**

#:	TYPE NAME	SIZE	IDENTIFIER
0:	FDisk_partition_scheme	*4.0 GB	disk2
1:	Windows_FAT_32 DJI FLY LOG	4.0 GB	disk2s1

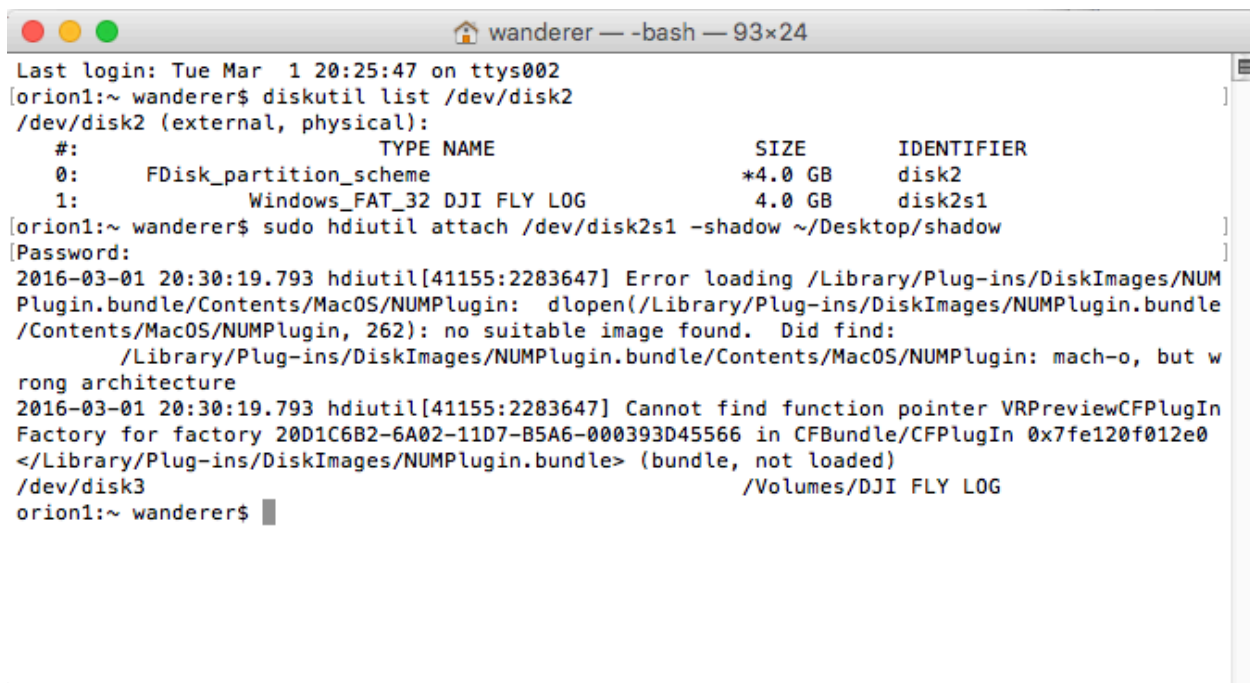
The last line is the Volume where the .DAT files are located and it is the Volume you want to mount.

5. Now that you have the Volume type the following:

**sudo hdiutil attach /dev/disk2s1 -shadow ~/Desktop/shadow**

4. You will be prompted for your password to allow the mount

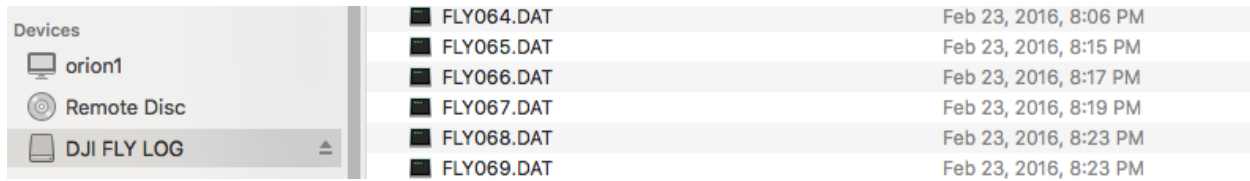
The result will be a little busy and look similar to:



```
wanderer — -bash — 93x24
Last login: Tue Mar  1 20:25:47 on ttys002
orion1:~ wanderer$ diskutil list /dev/disk2
/dev/disk2 (external, physical):
#:          TYPE NAME                SIZE          IDENTIFIER
0:    FDisk_partition_scheme        *4.0 GB       disk2
1:     Windows_FAT_32 DJI FLY LOG    4.0 GB        disk2s1
orion1:~ wanderer$ sudo hdiutil attach /dev/disk2s1 -shadow ~/Desktop/shadow
>Password:
2016-03-01 20:30:19.793 hdiutil[41155:2283647] Error loading /Library/Plug-ins/DiskImages/NUM
Plugin.bundle/Contents/MacOS/NUMPlugin: dlopen(/Library/Plug-ins/DiskImages/NUMPlugin.bundle
/Contents/MacOS/NUMPlugin, 262): no suitable image found.  Did find:
/Library/Plug-ins/DiskImages/NUMPlugin.bundle/Contents/MacOS/NUMPlugin: mach-o, but w
rong architecture
2016-03-01 20:30:19.793 hdiutil[41155:2283647] Cannot find function pointer VRPreviewCFPlugIn
Factory for factory 20D1C6B2-6A02-11D7-B5A6-000393D45566 in CFBundle/CFPlugIn 0x7fe120f012e0
</Library/Plug-ins/DiskImages/NUMPlugin.bundle> (bundle, not loaded)
/dev/disk3                               /Volumes/DJI FLY LOG
orion1:~ wanderer$
```

The Volume will now be mounted as: DJI FLY LOG

You may now copy .DAT files individually, in groups or all at once.



File Name	Timestamp
FLY064.DAT	Feb 23, 2016, 8:06 PM
FLY065.DAT	Feb 23, 2016, 8:15 PM
FLY066.DAT	Feb 23, 2016, 8:17 PM
FLY067.DAT	Feb 23, 2016, 8:19 PM
FLY068.DAT	Feb 23, 2016, 8:23 PM
FLY069.DAT	Feb 23, 2016, 8:23 PM

I hope this helps someone. If you have any questions, feel free to ask.

Credits:

I would also like to give credit to a friend Austin Colby for his assistance.