## AVID - BlackMagic Pocket Cinema Camera Setup

### BlackMagic Pocket Cinema Camera Manual

Step One is to format the SSD cards you are going to use in the camera. You can't format them in the camera.

All the Imacs in the labs CMB 1 and Grad Hall have SSD Card Slots

### Preparing SD Cards for Recording

SD cards used by Blackmagic Pocket Cinema Camera must be formatted as HFS+ or exFAT. These disk formats allow long clips to be recorded as single files. exFAT is supported by both Windows and Mac OS X computers.

#### Preparing SD Cards on a Mac OS X computer

Use the Disk Utility application included with Mac OS X to format your SD card in the HFS+ or exFAT format. Remember to back up anything important from your SD card as all data will be lost when it is formatted.

1. **Step 1.** Plug your SD card into your computer’s SD card slot or SD card reader.
2. **Step 2.** Go to Applications/Utilities and launch Disk Utility.
3. **Step 3.** Click on the disk icon of your SD card and then click the Erase tab.
4. **Step 4.** Set the Format to "Mac OS Extended (Journaled)" or "exFAT".
5. **Step 5.** Type a Name for the new volume and then click Erase. Your SD card will quickly be formatted and made ready for use.

Or you can use one like this USB example connected to a mac via USB

Or a laptop

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Insert your SD card into any computer with an SD card slot to access your clips immediately.
To configure settings on the camera press “Menu”

Choose to set the Camera Settings

Set the Date and Time
Choose the following camera settings
Optimum ISO= 800ASA
Low Light ISO = 1600ASA
Bright Light ISO = 400 ASA

Your Blackmagic Camera includes 6 white balance presets for a variety of color temperature conditions. These are: 3200K for tungsten 4500K for fluorescent light 5000K, 5600K, 6500K and 7500K for a variety of daylight

Recorder Settings
For 881KB projects use the following:
Recording Format- ProRes
Dynamic Range – Film (if you want to record more dynamic range "log") or Video (if you want to record 709 the common color space for video software)
Frame Rate – 23.98
Time Lapse – Off – Unless you want to record slow or fast motion
2=high speed 10=slomotion
We recommend Making folders on your hard drive and copying the data straight off the SDHC cards.

The files will be Apple ProRes HQ 23.98 files that look like this example:

```
Blackmagic Pocket Cinema Camera_1_2014-02-05_1517_C0002
```

```
Blackmagic Pocket Cinema Camera_1_2014-02-05_1517_C0000.mov
```

Next use the AVID ProRes project setup workflow in this wiki doc.

Click Here