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Additional instructions can be found in the user manual, found both online and in the camera bag.

Synchronizing with a smartphone/tablet

1. Download the (free) GoPro app from the apple store / google play.
2. Turn on the camera.
3. Press the wifi button to turn on the wifi. The flashing blue light on the front of the camera indicates the wifi is on.
4. In your device's internet settings, connect to the "AdvancedLabGoPro" network. The password is "drippingfaucet".
5. Open the GoPro application. Click on the "Connect + Control" tab. This will display the camera's current view and allow you to remotely record and change settings on your camera.
6. WHEN YOU ARE FINISHED, TURN OFF THE WIFI BY HOLDING DOWN THE WIFI BUTTON ON THE CAMERA. Even if you turn off the camera, the wifi will still drain the battery. The blue light should stop flashing when the wifi is disabled.

Changing the camera's settings

1. If you are synched with a smartphone/tablet, you can adjust the settings through the application. It is a lot easier.
2. If not, begin by turning on the camera.
3. Repeatedly press the power button until the settings icon (a wrench) appears.
4. Select the icon by pressing the record button on the top of the camera.
5. Press the record button again to select the video capture mode.
6. We want to record using the WVGA capture setting (note: not yet tested with actual experiment). If the resolution is not currently set to WVGA, press the record button again.
7. Use the power button to cycle through the various resolutions, and press the record button to select the desired resolution (WVGA is the last option).
8. Hold down the record button for two seconds to exit the settings menu.

Recording with the camera

1. Turn on the camera by pressing the power button.
2. Make sure the camera is set to record (the video icon should appear in the top left corner of the screen. If not, repeatedly press the power button until it displays the video icon, or select the video icon on your smartphone/tablet.
3. Press the record button on the top of the camera, or on your smartphone/tablet's application.
4. Record your video.
5. Press the record button again to stop recording.
6. Hold down the power button to turn off the camera. (SEE SYNCH SECTION ABOVE IF USING WIFI)

Watching the video

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1. Due to our choice of recording format, not even our smartphone/tablet can allow us to view our recorded video on the spot.
2. Turn off the camera by holding down the power button.
3. Attach the camera to the computer using the provided USB cable.
4. Turn on the camera by pressing the power button.
5. If prompted for driver settings, just tell the computer that the camera is a mass storage device.
6. Open the camera folder to view captured videos (my computer -> removable disk -> DCIM -> 100GOPRO [K:\DCIM\100GOPRO])
7. Copy your videos to a folder on the computer.

Editing the video

1. Open GoPro Studio (if you have your own video editing software, feel free to use that instead).
2. Drag your video files onto the application to preview them.
3. Choose a directory to save the converted files to at the bottom of the program. (Default: C:\Documents and Settings\ANSEL\My Documents\My Videos)
4. Select the videos you want to use and add them to the conversion list, then press the convert all button to convert them.
5. Press the button to proceed to set two.
6. Drag the video you want to edit onto the track.
7. Use the [/2] and [x2] buttons to slow down or speed up the video.
8. If you want to save a specific frame as an image file, select that frame (use the step forward/backward buttons for accuracy) then export it by going to file->export-> still image, or by pressing ctrl+shift+e.
9. When you are finished editing the video, click on step 3 at the top of the program to export it.

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