


Let me know if you are interested in this one!

Do You Like To Build Stuff? Want Some TechPoints?

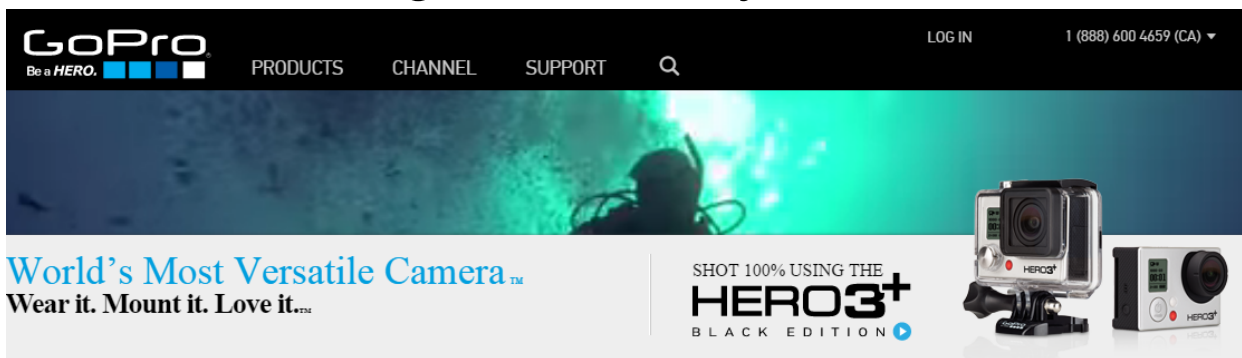


 [Manage That OpenROV Tether, Or Else](#)
Youthful exuberance drove me to pilot my OpenROV before I built a good tether management system. Bad idea! It's better to have a tether management plan (any plan) before you pilot your OpenROV.
This article ([Manage That OpenROV Tether or Else](#)) describes a tether management system.

<http://rayhightower.com/blog/2014/09/10/manage-that-openrov-tether/>



First dive...testing connectivity of GoPro!



Control. View. Share.

The GoPro App makes it easy to control your camera, and lets you do more with your GoPro content than ever before. Get full remote control of all camera functions —take a photo, start/stop recording and adjust settings. See what your camera sees with live preview for easy shot-framing.¹ View photos and play back videos, then share your favorites via email, text, Instagram™, Facebook® and more.² Plus, use it to wirelessly update your HERO3+ camera software on the go for the latest features and best performance.

Key Features

- Use the GoPro App to wirelessly update your HERO3+ camera software
- Use the GoPro App to wirelessly update your camera Wi-Fi network name and password
- Preview video in near real-time with up to 4x faster³ live video preview for HERO3+ cameras
- Full remote control of all camera functions
- View photos and play back videos¹
- Copy photos and videos¹ to your device, then share via email, text, Instagram™, Facebook® or other app
- Browse and delete files on the camera's microSD card¹



Conclusions from first dive...testing GoPro:

- GoPro loses connectivity to App and remote when under the water.
- Video quality of the GoPro is excellent...have to record by pressing button on GoPro.
- Pictures are good quality but may not be a feature used with OpenROV...especially photoburst feature.
- Sony underwater camera takes good pictures and video.
- Success with using GoPro App to save a picture to attach within the WordPress App when posting a blog entry!

Suggestions? Improvements? Troubleshoot?

[Underwater Wi-Fi Connection](#)

The connection between the Wi-Fi Remote and Wi-Fi BacPac will be lost when either device is underwater, but the connection is automatically re-established once both are above water again.

[Is it Possible to Connect and Control Multiple Cameras in the GoPro App?](#)

This is not currently supported. You will need to switch between wireless networks for each camera, so it will connect to one camera at a time

[HERO3+ Waterproof Housing Depth Rating](#)

Each of the HERO3+ cameras come in a protective waterproof case that is capable of withstanding depths of up to 131 ft. (40 meters). If you are using the HERO3 Dive Housing with the BacPac Backdoor, the depth rating is 32 ft. (10 meters). Before taking the unit in the water you'll want to be sure to verify that there is no dirt or debris along the white rubber gasket that could compromise the integrity of the waterproof case. To ensure that the camera is fully sealed, push the housing backdoor... [Read More »](#)

We want **YOU** to follow our expedition...

Go to OpenExplorer and find our expedition...

 <https://openexplorer.com/expedition/xxxx14>

Click on 'FOLLOW'

May have register...if so use your school email

Blog Entry #1 – Scavenger Hunt



Posted on [September 17, 2014](#) by [Mr. Hallihan](#)

Your first blog entry post will be a scavenger hunt so you become comfortable with the websites we will be using in the course. **This blog entry must be completed by Monday...FIRST of class!** After that I will be posting all submissions and evaluating what tasks were completed. **ONE BLOG ENTRY PER STUDENT (ALL tasks are to be within your blog entry).** Here is your assigned tasks...

<http://dt16community.nbed.nb.ca/blogs/underwaterrobots/category/weekly-update/>

