

(like an empty soccer field). Also, set limits in the software on how high/far, so you can't get yourself in too much trouble.

I actually find the phone based app remotes really hard to use. I prefer the physical remote control - old school style. Perhaps because that's what I grew up with in terms of playing with RC airplanes.

There are smaller little drones to practice on. Check out this: [link to skypixel.org](http://link.to/skypixel.org), it's a great resource for things to think about.



Rob replied

November 14, 2014 at 1:00 pm

[Reply](#)

#55

For getting started you can't get much more for your money than the Hubsan X4 H107C with the 2 MP Camera ("HD" version) for £50-£60 in UK. Yes it is tiny but it is very robust and takes decent quality videos. Very easy for these things to get away from you so as Ray says restrain yourself! You can get some decent experience before you step up to the big boys and most importantly you can afford to make serious mistakes!



MAGNUS

November 14, 2014 at 4:11 pm

[Reply](#)

#56

I see both the Silver/Black editions have Bluetooth support which is used by the GoPro remote. Is there any other use for Bluetooth besides the remote? I was hoping you could use the app to connect via Bluetooth instead of wifi.



DC Rainmaker replied

November 15, 2014 at 7:38 am

[Reply](#)

#57

It's in theory designed to assist the phone app in enabling WiFi on the device, without having to leave WiFi on. Sorta like a secondary remote jumpstart. It also is used in pairing.

That said, I didn't find it terribly successful.

As for using BT instead of WiFi - you wouldn't want that. The Bluetooth Smart bandwidth isn't enough for these operations.



A. Non

November 14, 2014 at 11:55 pm

[Reply](#)

#58

The Panasonic HX-A500 action camera does 4k at 30fps, and it was released before the GoPro Hero4 Black. So it's simply not true that "There's just no other cameras on the market today doing 4K at full frame rates."



DC Rainmaker replied

November 15, 2014 at 7:08 am

[Reply](#)

#59

A secondary wired action cam? Interesting...but horrible.

Noted though, will update.



A. Non

November 15, 2014 at 12:11 am

[Reply](#)

#60

You say, "You'd likely be hard pressed on today's screens to tell the difference between 1080p and 4K, let alone 2.7K and 4K." That's true but not for the reasons you give. The measured resolution of the GoPro footage is far below its stated resolution. That's because all GoPro footage is derived from the same sensor readout with cropping to give you different fields-of-view and line-skipping to give you different resolutions. The 4k footage from the GoPros is barely resolving 720 lines of vertical resolution. You can't tell the difference between the 2.7k and 4k footage because both are so far from achieving their stated resolution. The GoPro Hero4 Black will give you the highest resolution in 4k mode using superview; other settings give you dramatically lower measured resolution.



DC Rainmaker replied

November 15, 2014 at 7:11 am

[Reply](#)

#61

Those statements seem like a pretty big stretch. I'll poke the GoPro engineers and see if they have a response.

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