

Oct 31, 2014 23:00:00

I tried 4K shooting with the new "GoPro HERO 4" Black and Silver Review



This article, originally posted in [Japanese](#) on 23:00 Oct 31, 2014, may contains some machine translated parts.

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GoPro has enabled a number of exciting movies, "4 F / 30 fps shooting possible"**GoPro HERO 4 Black Edition**"With built-in liquid crystal display inside the body"**GoPro HERO 4 Silver Edition**", And a super-discount entry model"**HERO**Three models of**Announced at once**Did. Of these, since we were able to borrow a "HERO 4 Silver Edition" already released with normal evolution of the conventional model and "HERO 4 black edition" on sale date unknown at the time of article creation, we I tried variously how I can shoot such a picture.

HERO 4 / HERO 3 + / HERO Product Information GoPro NIPPON Japan General Distributor
<http://www.gopro-nippon.com/product/specifications/index.html>

Two new GoPro that I could borrow this time. The left**GoPro HERO 4 Black Edition**, And on the right it is showing the liquid crystal panel on the back**GoPro HERO 4 Silver Edition**is. In addition, because the actual machine of this time is prepared for verification, a white seal is affixed to the top of the main unit, but this is of course not attached to the marketed item.



The difference is that the blacker can shoot at 30 fps when shooting 4 K, silver up to 15 fps when shooting 4 K. Also, black can be raised to 120 fps when shooting 1080 p, silver up to 60 fps. However, the silver person has a built in touch liquid crystal display, and the black one is sold separately. So if you simply need high specs and you are familiar with the GoPro series in the past, you can use black without question and feel like Silver if you use a lot of liquid crystal display. Besides, black has a maximum bit rate of 60 Mb / s, silver has a maximum of 45 Mb / s, depending on the picture quality shot, the

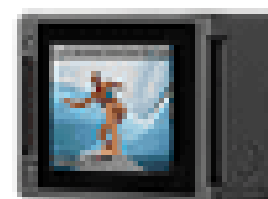
combination of angle of view and fps is higher for black, black is for external microphone It is correspondence, there are differences of small parts.



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品番:CHDHY-401~JP

2014/10/18 発売

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 /720p120

静止画:
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 フォトバースト30 fps

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With GoPro**Free fall from stratosphere of altitude of 40,000 meters**Scenes to do,**Scene where lava comes close to crater melted in muddy**It is possible to shoot such a horrible challenge and a movie of activities such as cycling in this case**Official channel of GoPro**It decided to leave it to this, in this time I decided to focus on the usage in the more familiar scene and try to experience various usability.

First,**GoPro HERO 4 Black Edition**Here is the movie that I tried shooting the scene where the plane landed using 4K image quality. If you select "2160p 4K" from the gear mark on the bottom right of the YouTube screen, you can play at the highest picture quality, but depending on the machine you can not handle it at all. Because it is shooting at super wide angle angle, even with subjects that can not be accommodated with ordinary cameras, we were able to shoot perfectly.

GoPro HERO 4 Black Edition took an airplane landing close by 4 K. · 1

The image captured a part of the movie is here. A part of a finger that was reflected in the lower right was supporting the main body at the time of shooting.



I tried trimming a part. Clicking this will display the original size that has not been reduced. Although it can certainly be seen with some roughness, it can be said that the distinctive details can be clearly distinguished is the unique merit of 4K image quality.



Using the same black edition, this time the movie shot at 1080p / 120fps picture quality with large resolution / super high speed is here. It is converted to 60 fps because it can not play 120 fps as it is because of the specification of YouTube, but its performance is demonstrated in the slow playback part with the speed reduced to 1/4 and the flag that keeps on strong wind blows in the middle You can see that it changes to the movement you did.

Smoothness of 1080p and 120 fps movies taken with GoPro HERO 4 black edition

I put two GoPro HERO 4 side by side. On the left is GoPro HERO 4 Black Edition, right is GoPro HERO 4 Black Edition

4 Silver Edition, but the front design is common.



◆ **GoPro HERO 4 Black Edition**

The body of GoPro HERO 4 Black Edition is like this. Body size is 59 x 40.5 x 30 mm, weight is 88 gram s. Although the predecessor model and the body size are common, the periphery of the liquid crystal display was designed black, and there were two LED indicators moved to the side of the liquid crystal.



The back part is a simple design with only "HERO port" for expansion. In the previous generation GoPro HERO 3, there was a built in battery outlet on the back, but in GoPro HERO 4 it has been changed to the bottom.



You can see the cover of the battery case on the bottom.



By changing the type from the bottom of the main unit, even if you attach the expansion pack to the back, you can replace the battery. Although it is a modest change, it is very useful for doing heavy use such as killing over outside from morning till night.



On the side facing the left side, "setting / tag button" is arranged. This is a common design from the old model.



And when opening the right side cover, the HDMI output terminal, Mini USB terminal, microSD card slot were laid out.



Looking side by side with the old type GoPro HERO 3, it is like this, the left side is "3" and the right side is "4". The display part differs greatly, but the outer shape and size are the same.



◆ **GoPro HERO 4 Silver Edition**

HERO 4 Silver edition features on the exterior is a liquid crystal touch display built in the back. In the former model, it was the new shape that was realized by having the battery take in and out from the back from the bottom.



It is the most nice point to be able to check the video in real time without additional display, but as the replay function as well as the screen can be touched and various settings are made possible, the ease of use dramatically Improved, dramatically improving the convenience of carrying around without having to install an expansion pack.



GoPro can be adjusted while looking at the angle of view and so on without having to have a rear display in cooperation with the smartphone application, but in addition to the fact that the battery gang s decreases with it, there is still a little time lag, so this kind of It is quite advantageous that the rear display is built in from the beginning.



It is like this when you operate the touch display. Unlock screen → Switch movie mode to Movie, Still image shooting, Burst mode → Movie setting screen → Replay movie you shoot. Since the motion is crispy, it did not seem to feel stress during actual shooting.

GoPro HERO 4 Silver Edition can check settings and shooting with the display on the back

Since you can check the picture that you can actually take, the sense of security at the time of shooting has improved dramatically. Even if you panickily press the switch to start shooting, you should be able to reliably capture the target in the frame with minimal screen shake.

Taking a flight of an airplane landing at GoPro HERO 4 Silver Edition

The next time I took a picture was the Hankyu Railway Kyoto Line **Kamaki Station** Home. Let's take a picture with a realistic feel that took full advantage of GoPro.



I set GoPro attached to a tripod at the northern end of the home.



In the case of using the tripod by lifting it, if I try to check with the GoPro application of the smartphone, it is said that it is said to be a smartphone in one hand, a tripod in the other hand and it is very unreasonable whether it is unstable or not , HERO 4 Silver Edition If you can somehow see it while looking down at the image on the back, this one is dramatically lucky.



Here is the movie taken during the sunset and around the time the neighbor came over from the evening to the night. As expected, though there will be noises on the screen, it is almost impossible for the image to get blurred or blurred, and it turns out that the area has also evolved into plain form.

With GoPro HERO 4 black edition you can shoot as it is after sunset

As of 2015/11/14 16:21, GoPro HERO 4 Silver Edition is sold at around 46,000 yen including tax, GoPro HERO 4 Black Edition is on sale at around 60,000 yen, each product is included. It is now possible to select different "adventure" packages and "surf" packages.

[Amazon.co.jp: \[Domestic Genuine \] Go Pro Wearable Camera HERO 4 Silver Edition Adventure CHDHY-401-JP: Camera · Video](#)

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