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Link do produktu: https://dronexpert.eu/bec-board-for-naked-camera-gopro-hero-8-p-14398.html

BEC Board for Naked Camera GOPRO Hero 8

Cena brutto	**69,00 zł**
Cena netto	**56,10 zł**
Dostępność	**Dostępna mała ilość Zapytaj o dostępność/Wysyłka/Odbiór osobisty**
Kod producenta	**00313746_2**
Kod EAN	**705644072740**
Producent	**BetaFPV**

Opis produktu

You asked, we listen! To provide more choice for our customers, not only the BEC board for HERO6/7, BETAFPV also designed a new BEC board for GoPro HERO8. You don't need to worry your GoPro will turn off during a flight anymore. This BEC board only weighs about 1.5g, which makes your naked GoPro super neat and light. This BEC Board has integrated 5V@2A BEC, stock GoPro buttons, and LED pluggable connectors and remote recording!

Noticed: The BEC board for HERO8 does not fit the Case V2, but we have provided the STL file for Naked GoPro HERO8 Case*, feel free to download it.*

Many thanks for Richárd Papp and those people who devoted their time and energy to the cinewhoop researching. Thanks for the FPV community to gather such awesome ideas. If you wanna know more about cinewhoop, click the link below to join us on Facebook.
>>NAKED Cinewhoop Community

Bullet point

- BEC Board is specially designed for Naked GoPro HERO6/7/8 which weighs about 1.5g, makes your naked GoPro lighter and easy to install on your drone.
- The BEC output voltage is 5V@2A, avoid the accident of power of which is caused by the insufficient power supply for the FC board. Also, stock buttons and LEDs are integrated.
- Integrated GoPro stock buttons, Power/Mode Button and Record Button.
- Integrated GoPro stock LED to know the status of the camera.
- The pad is available for pilots to control the GoPro recording via the radio transmitter.
- With the pluggable connector, which is easier to connect with your flight controller for power supply and recording.

Specification

- Item: BEC Board for Naked Camera
- Weight: 1.53g/1.57g
- Output: 5V @ 2A
- Input voltage: 2-4S
- Connector: GH 1.25 3P connector

BEC Board Diagram

The two buttons on the BEC board have the same functions as the GoPro spare buttons. Three actions we will use frequently.

- Power on-Press the power/mode button, the LED flashes three times and goes out.
- Start recording-Press the "Record" button once and the LED flashes slowly. If the LED flashes once and goes off, it

means there is no SD card.
- Stop recording-Press the "Record" button, the LED stops blinking slowly.

BEC Board for GoPro HERO6/7

BEC Board for GoPro HERO8

LED Status

Under normal operation, plug the GH1.25 connector into the GoPro Lite camera firstly, then connect with the battery. The LED will flash once, then you should press the Power/Mode button once in a second to power on. The LED on the BEC board has the same status as the stock LED on the GoPro mainboard.

Indication	Button Operation	LED Status
Power On	Press the Power/Mode button once	Flash 3 times and light off
Power Off	Press the Power/Mode button for 5 seconds	Flash 7 times and light off
Start Record	Press the record button once	Continuously slow flash
Stop Record	Press the record button once	Flash 3 times and light off
Mode Switch	Press the Power/Mode button once	Check the mode on LCD Display

How to Setup Remote Record

The pilot could use the switch on the radio transmitter to start/stop the record. Some more configuration needed.

For example, if you use F4 FC V2.0 in the drone, like the 95X whoop drone, the connection diagram is shown below. The yellow cable (FC B12 pin pad) is just for the remote record.

We use the Pinio function in Betaflight to control the record. First, setup the Pinio function of the B12 pin in the FC board.

resource FLASH_CS 1 NONE
resource PINIO 1 B12
set pinio_box = 40,255,255,255
save

Next, map one of the switch channels in your radio transmitter to this Pinio (aka USER1). As shown below, we map the AUX4 channel in the radio transmitter to USER1 Pinio. **The cursor in the orange zone means button released and the white zone means pressed. So keep the cursor in the orange zone in default.**

Third, check if the Pinio function works. **Change the switch and make the cursor move from the orange zone to the white zone, and finally back to the orange zone.** Now you could check the LED status to know if the record starts. Use the same process to stop recording.

If you use the 12A F4 AIO FC board, like the 85X whoop drone, you will use the LED_STRIP pin (aka A08 pin pad) for the Pinio function.

resource LED_STRIP 1 NONE
resource PINIO 1 A08
set pinio_box = 40,255,255,255
save

Know more about the Betaflight Pinio function.

How to Disassemble GoPro HERO6/8 Black

Special thanks to JONAH BLAESER who provided the method of disassembling GoPro HERO6/8 Black. If you are interested, please check the link to know the specific steps to make your own naked GoPro.

GoPro HERO6 Black Disassembly Guide

We also provided the method of disassembling GoPro HERO8 Black. If you are interested, please check the link.

[GoPro HERO8 Black Disassembly Guide](#)

Note: Do this at your own risk. You will lose your GoPro's warranty and you may end up bricking the camera if something goes wrong. This guide is not authorized by GoPro and your camera is not guaranteed to work afterward. BETAFPV will not be held responsible for this action.

How to assemble the BEC Board on Naked Camera.

FAQ

- [STL file for Naked GoPro HERO8 Case](#)
- [STL File for Naked Camera Series](#)(Only suit for HERO6/7)
- [How to assemble the case with the Naked Camera](#)

Package

- 1 * BEC Board for GoPro HERO8
- 1 * GH1.25 Power Cable (90mm 30AWG)
- 3 * M1.4*4 Screws