

# *GEP Naked GoPro Hero 8*



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# GoPro8 Naked

## Overview

GoPro hero 8 naked, specially designed by GEP team for quadcopter, finally meets you..The newly designed BEC is perfect for GoPro 8. Support 2-6s voltage input and output 5V@2A . It is equipped with POWER/MODE and REC button, and has a quick detachable GH1.25-3P connector to support remote control.

## Feature

- It's specially designed for quadcopter, and its ultra light weight is only 25.7g
- The 4K ultra wide angle camera has a large field of vision
- 4K@60fps, 4K@30fps, 2.7K@50fps Recording
- Scan preinstall QR code switch settings
- BEC board input voltage 2S-6S, output 5V-2A
- Integrated GoPro POWER/MODE button and REC button, operation quickly and conveniently.
- GH1.25-3P connector is used to connect flight control and realize remote control
- Mounting seat, which is convenient and fast to install
- UV protection lens to protect the camera
- ND16 filter to reduce the light input of camera sensor

## Specification

- Model: GEP GoPro Hero 8 Naked
- Size: 60\*40\*22.5mm
- Weight: 25.7g
- Input voltage: 2-6S
- Output: 5V@2A
- Memory: SD card
- Connector: GH 1.25 3P

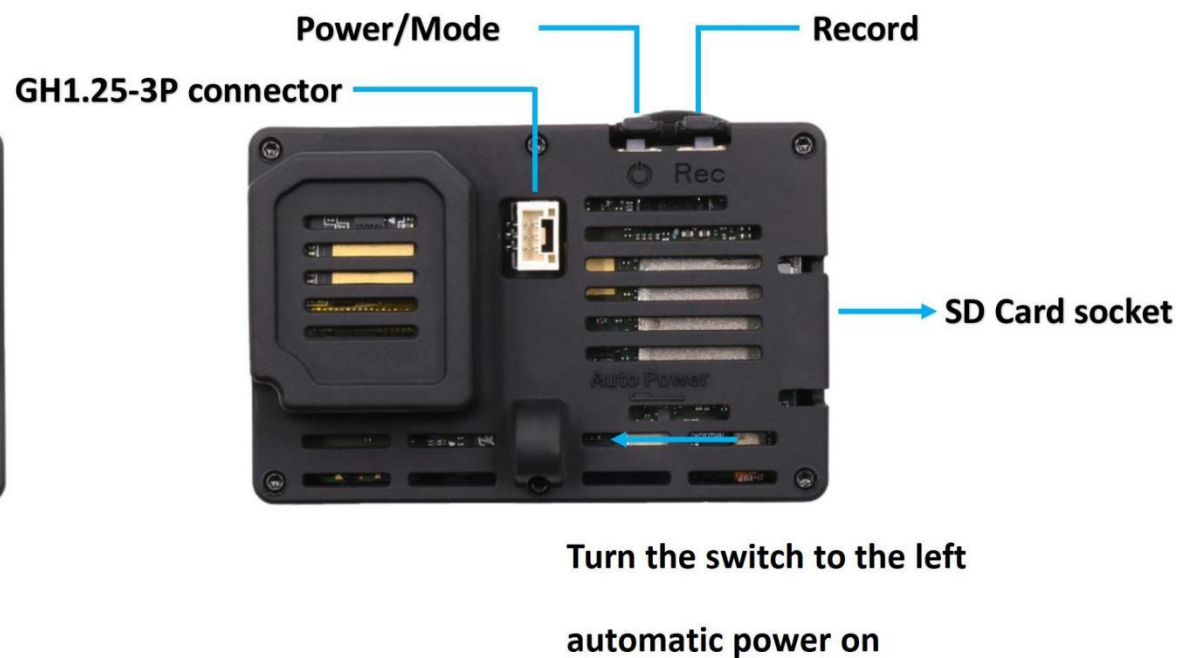
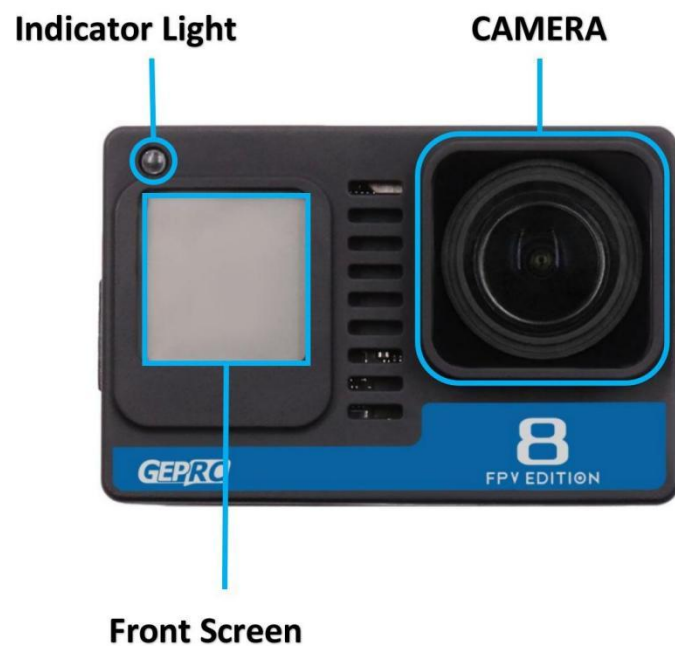
## Indicator status

Connect GH1.25 Control cable with camera and input 2-6s power. LED will flash 1 times, BEC plate power light is always on (green light) .

Instructions	Operation	Indicator
Power on	Press the power/mode switch once	Flash 3 times, off
Power off	Press and hold the power / mode switch for 5 seconds	Flash 7 times, off
Start recording	Press the record switch once	Flash slowly
Stop recording	Press the record switch once	Flash 3 times, off
Switch mode	Press the power/mode switch once	NONE
QR code switching recording settings	Scan preset QR code	Flash 2 times, off

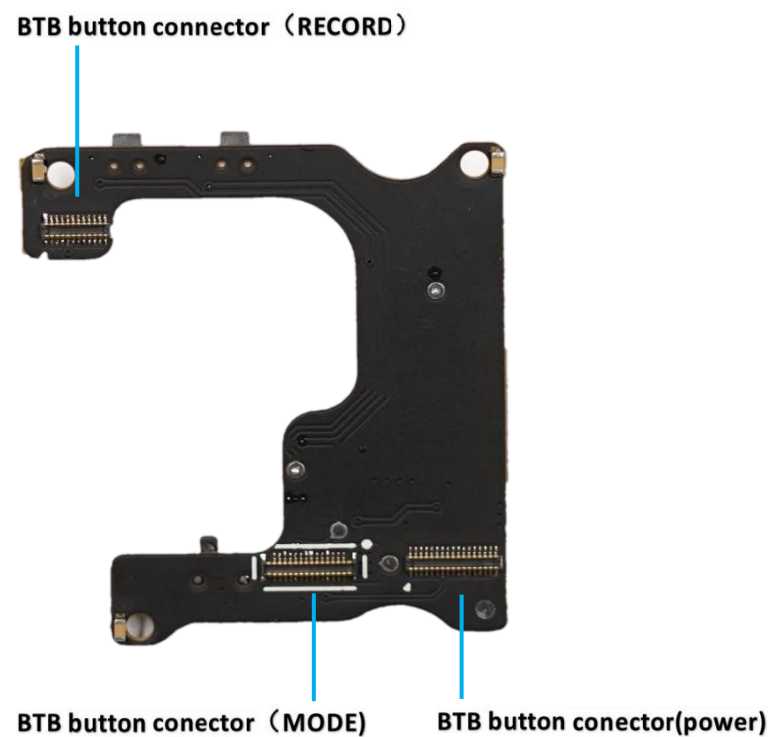
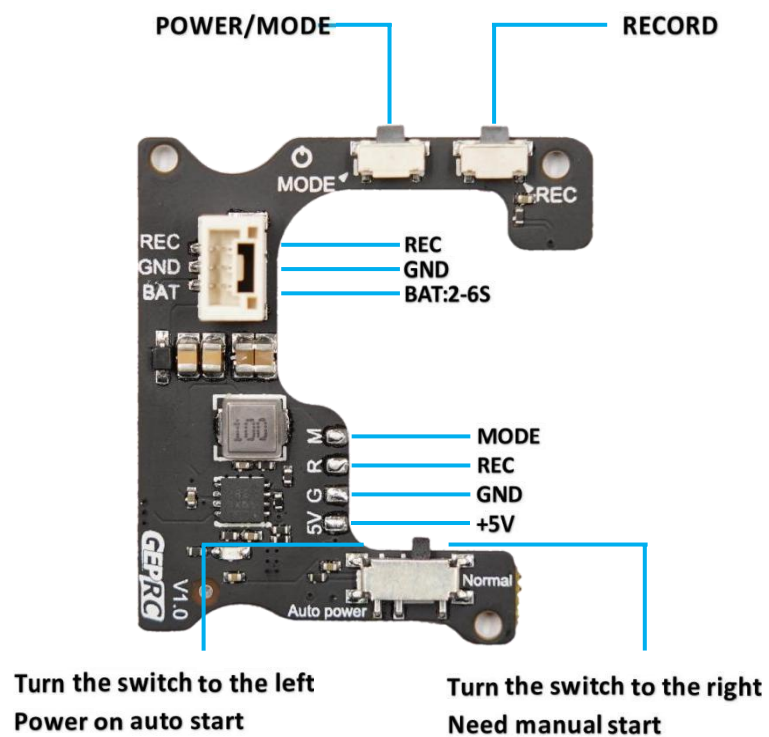
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GEP GoPro Hero 8 Naked Manual




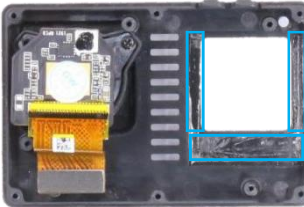



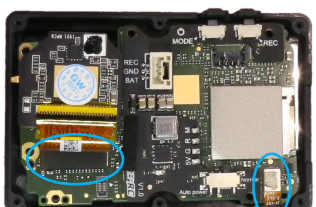
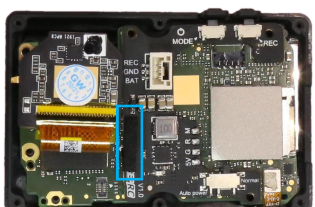
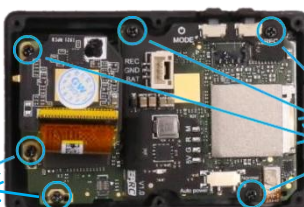

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GEP GoPro Hero 8 Naked BEC Board Diagram



# GoPro8 Naked

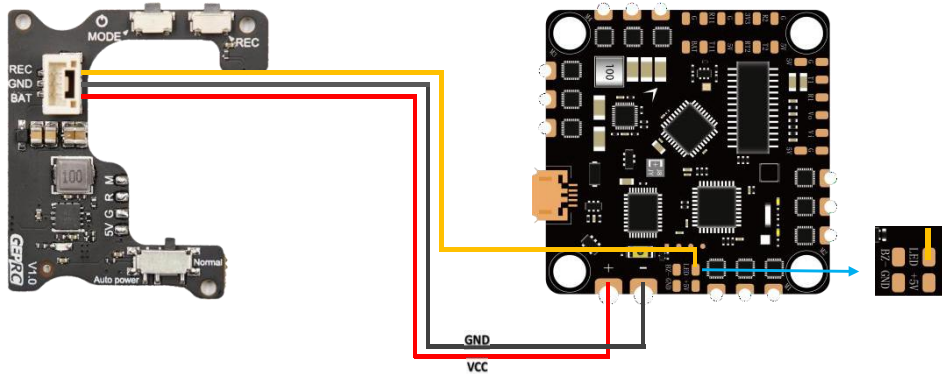
## GoPro Hero 8 Naked Set Guide

 <p><b>①</b>Install the camera on the front case and fix it with an M1.4*4 screw</p>	 <p><b>②</b>Apply 3M double-side adhesive tape on the front case.</p>	 <p><b>③</b>Install the front screen and stick EVA insulation cotton on the back</p>
 <p><b>④</b>Install GoPro Hero 8 Naked motherboard</p>	 <p><b>⑤</b>Install the BEC board ,first connect BEC,then connect POWER and MODE..</p>	 <p><b>⑥</b>Connect the BTB connector of camera and front screen</p>
 <p><b>⑦</b>Stick the EVA insulation cotton on BEC board</p>	 <p><b>⑧</b>Use M1.4*4 and M1.4*6 screws to fix the motherboard and BEC board</p>	 <p><b>⑨</b>Use M1.4*8 screws to install the back case</p>

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## Recording with remote control

1. Weld control cable to FC
  - Red wire→FC positive pole
  - Black wire→FC negative pole
  - Yellow wire→FC LED



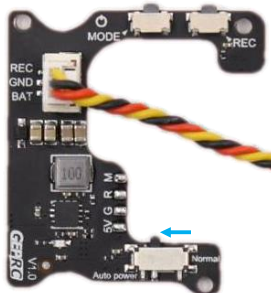
2. Connect FC to BETAFLIGHT ground workstation, enter the following command on the command wire, save.

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

3. Turn on the USER1 mode under the mode option, add range to Transmitter idleswitch.

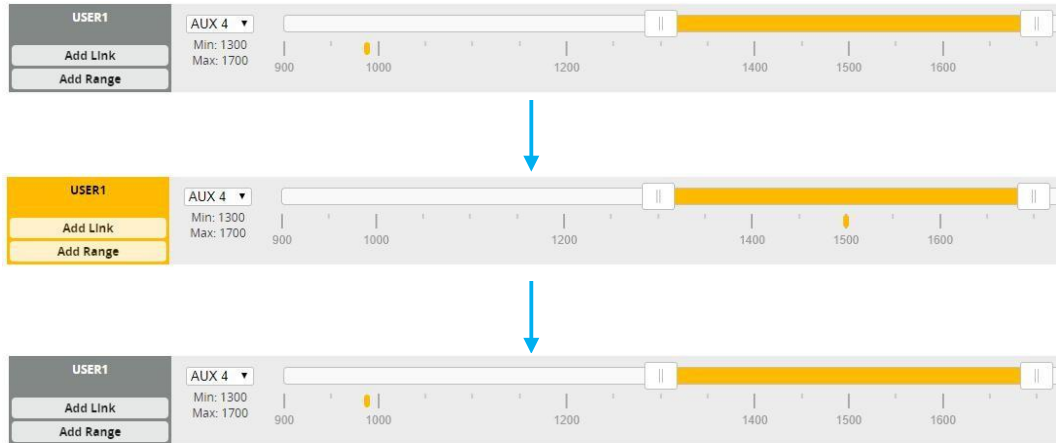


4. Turn the BEC power switch to left, connect the control cable.



## GoPro8 Naked

- Supply power to FC, GoPro8 Naked will auto start. Operation remote control AUX4 switch, move the cursor from the white area to the yellow area and back to the white area to start the recording. Repeat the operation again to end the recording.



Notes: GEPRC-F722-AIO and F411-AIO have the same wiring but different codes, as follows:

```
resource LED_STRIP 1 NONE
resource PINIO 1 A01
set pinio_box = 40,255,255,255
Save
```

# GoPro8 Naked

Scan the QR code to use WiFi through APP

1. STEP1 Open GoPro8 application
2. STEP2 Power on GoPro8 and scan QR code, after the red light and the code scanning is confirmed to be successful, press quickly the record key three times immediately (make sure the WiFi is on)
3. STEP3 Search and connect external WiFi



# ***GoPro8 Naked***

## **Appendix**

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