GEP GoPro Hero 8 Naked

USER MANUAL

Summary....1
Features....1
Specification....1
Indicator status....1
BEC Board Diagram & Set Guide....3
Recording with transmitter....5
Wire Diagram....7
Turn on WiFi and connect APP....8
Connect:....9

Summary

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.

Features

1. It's specially designed for quadcopter, and its ultra light weight is only 25.7g
2. 4K@60fps,4K@30fps,2.7K@50fps Recording
3. Scan preset QR code switch settings
4. BEC board input voltage 2S-6S,output5V-2A
5. Integrated GoPro POWER/MODE button and REC button,operation quickly and conveniently.
6. GH1.25-3P connector is used to connect flight control and realize remote control
7. UV protection lens to protect the camera
8. Nd16 filter to reduce the light input of camera sensor

Specification

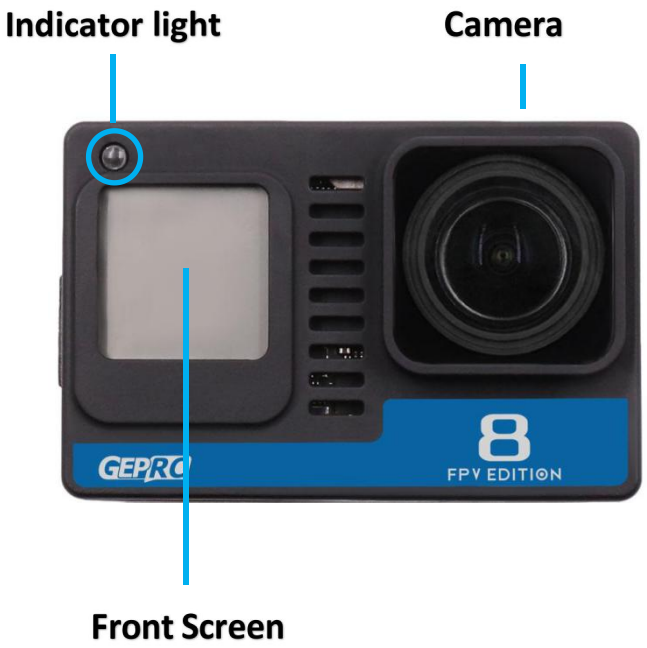
Model: Naked GoPro Hero 8 Camera
Dimension: 60*40*22.5mm
Weight: 25.7g
Input: 2-6S
Output: 5V2A
Memory: SD Card
Connector:GH 1.25 3PIN

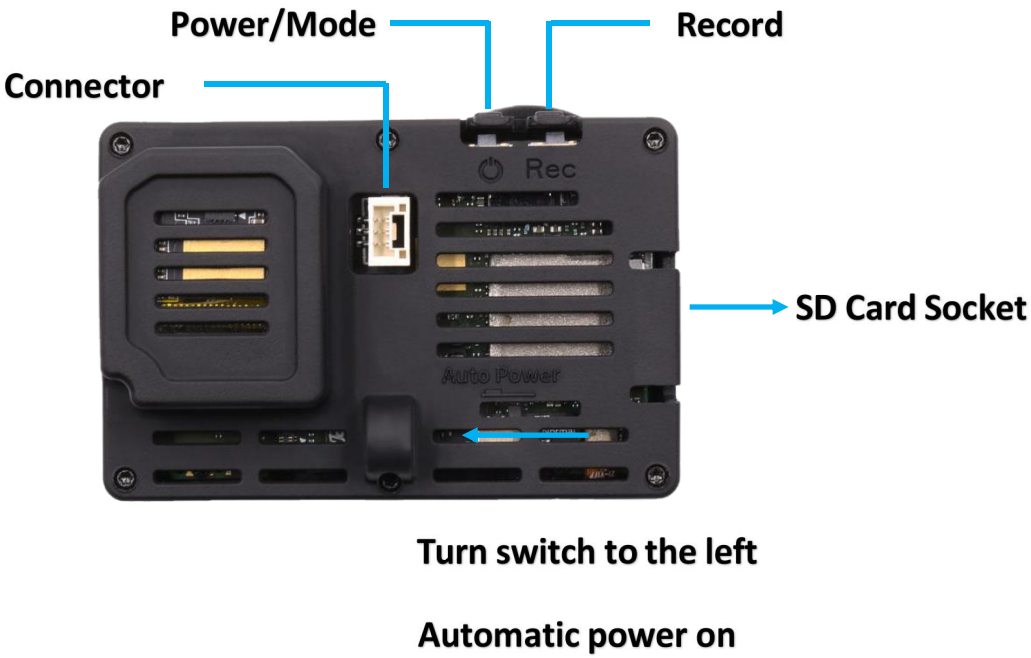
Indicator status

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）.

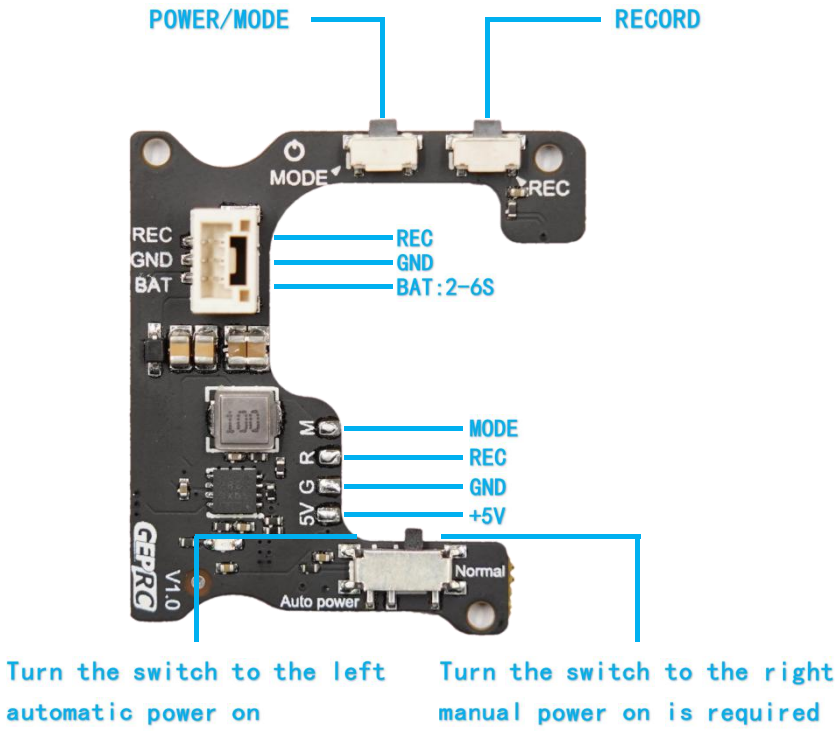
Instructions	Operation	Indicator
Power on	Press the power/mode switch once	Flash 3 times，off
Power off	Press and hold the power/ mode switch for 5seconds	Flash 7 times，off
Start recording	Press the record switch once	Flash slowly
Stop recording	Press the record switch once	Flash 3 times，off
Switch mode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

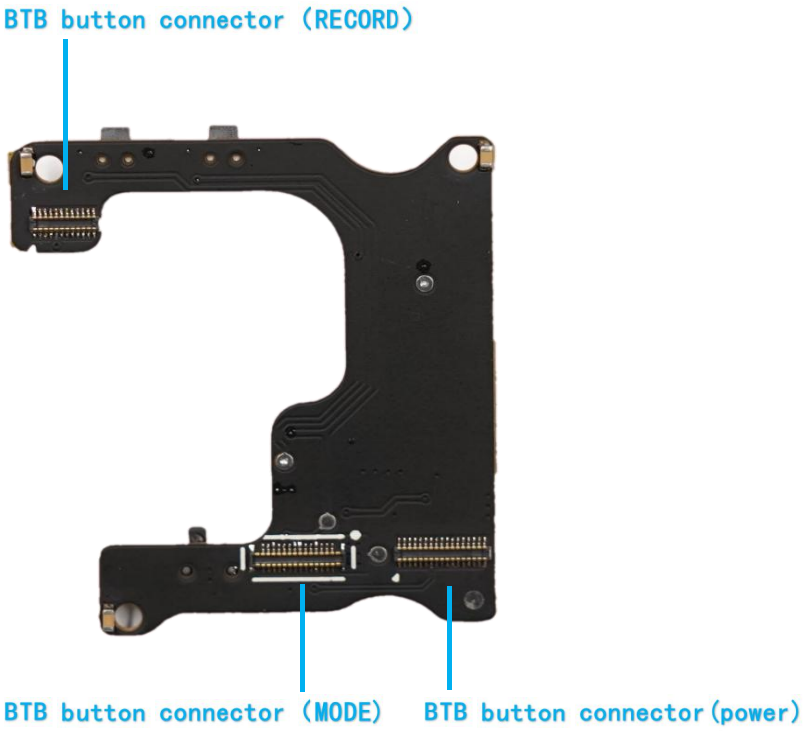
GoPro Hero 8 Naked Manual



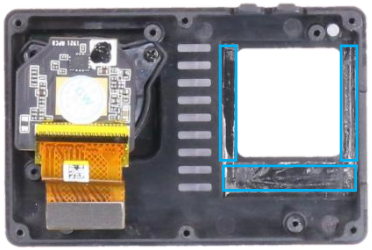


BEC Board Diagram & Set Guide

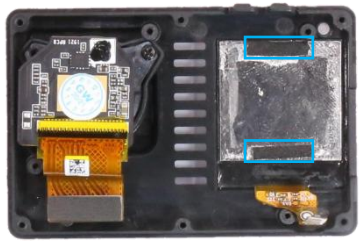




❶Install the camera on the front shell and fix it with an M1.4*4 screw

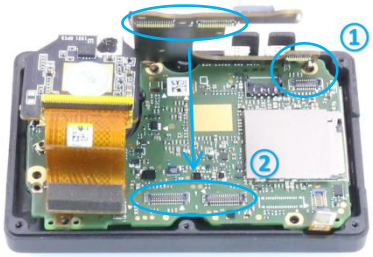


❷Apply 3M double-side adhesive tape on the front shell.

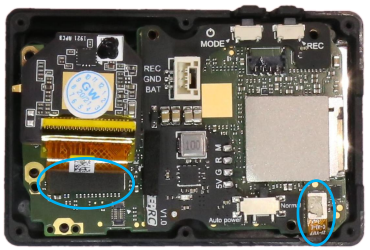


❸Install the front screen and stick EVA insulation cotton on the back

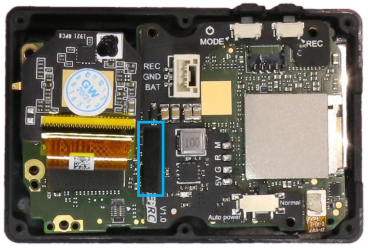
❹Install GoPro Hero 8 Naked motherboard



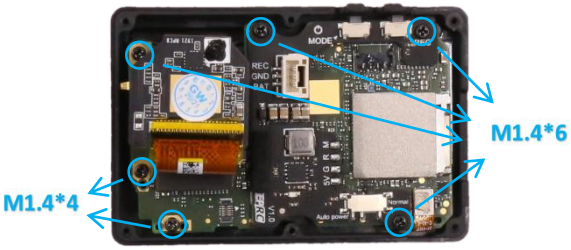
❺Install the BEC board ,first connect the BEC, then connect POWER and MODE.



❻Connect the BTB interface of camera and front screen



❼stick the EVA insulation cotton on BEC board

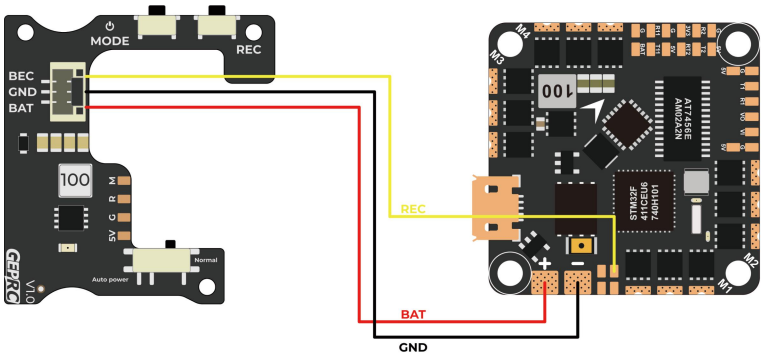


❽Use M1.4*4 and M1.4*6 screws to fix the motherboard and BEC board

❾Use M1.4*8 screws to install the back shell

Recording with transmitter

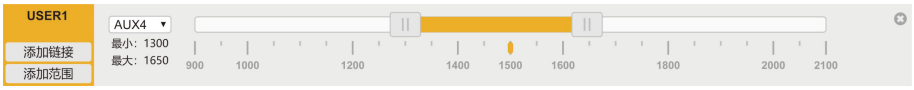
1. Weld control cable to FC(F411-AIO)
   - RED wire→ positive pole
   - BLACK wire→ negative pole
   - YELLOW wire→LED



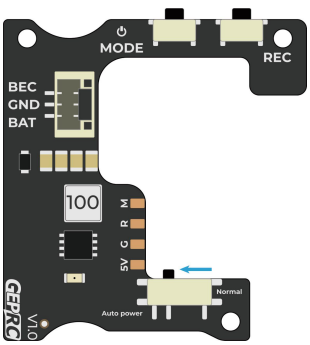
2. Connect FC to BETAFLIGHT,enter the following command on the command wire,save.

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

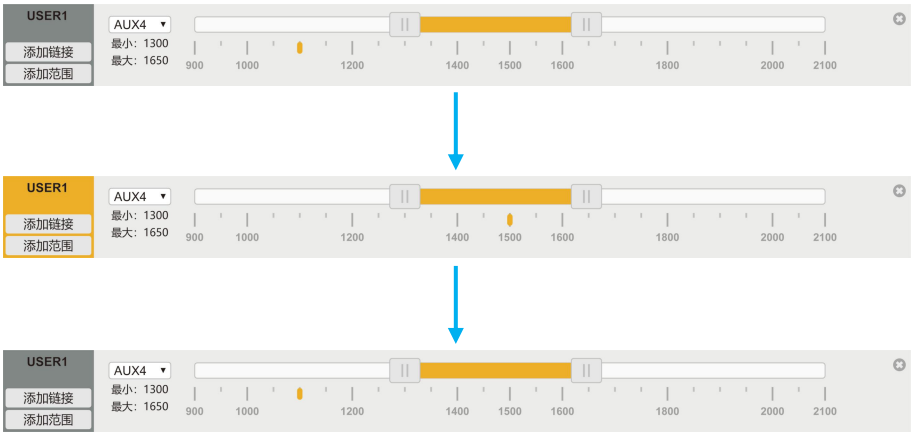
3. Turn on the USER1 mode under the mode option,add range to Transmitter idke switch.



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



5. 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

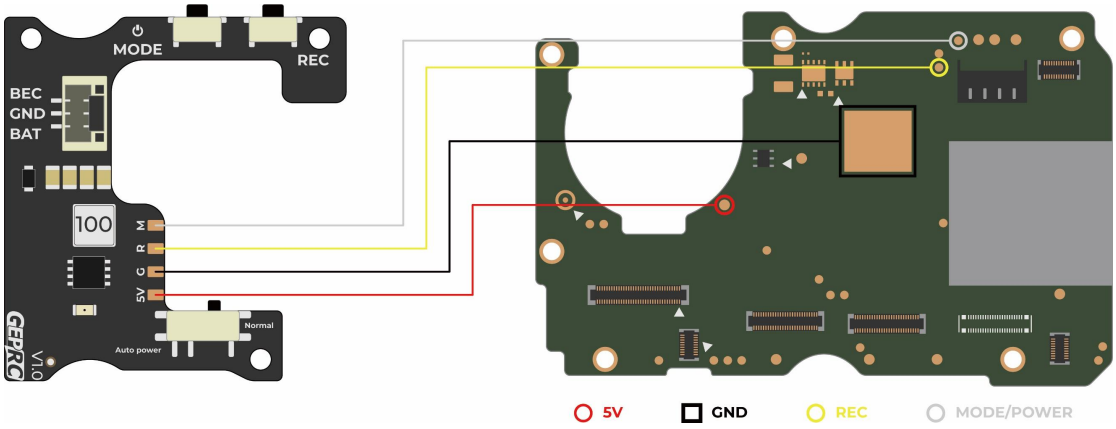
resource PINIO 1 A01

set pinio_box = 40,255,255,255

Save

Wire Diagram

BEC board retains the welding pad,so you can by wiring to connect the camera main board.There is the wiring diagram:



Turn on WiFi and connect APP

1. Open GoPro Quick APP, and search camera .

2. Turn on Naked GoPro Hero8 And scan the QR code below， The red indicator will flash twice, and then press the video button three times, the Naked GoPro Hero 8 will enter the connection state.

3. Connect the WiFi of Naked GoPro Hero 8 according to the prompt of GoPro quick app.

Connect:

Website: https://geprc.com/