

# NameLessRC Sunny Module for GoPro

## User Manual

This BEC board fits for GoPro HERO6 and HERO7 Black but NOT for HERO8.



## Attention!

- Please make sure all functions on naked GoProp are normal.
  - Please DO NOT plugged in the 3-pins power cables when powering on.
- It may cause the FC or GoPro mainboard to burn out.

## Features:

- The NLRC BEC is specially designed for Naked GoPro HERO which weighs about 1.5g, makes your naked GoPro lighter and easier to install on your drone.
- With the pluggable connector, which is easier to connect with your flight controller for power supply and recording.
- Supports 2-6S power in.
- Automatic power-on function.
- Output voltage is 5V@1.5A, avoid the accident of power off which is caused by the insufficient power supply for the FC board.
- Both support LED and BUZZER port. Pad is available for pilots to control the GoPro recording via the radio transmitter.
- Bypassed the Pinio remap and FC doesn't need to remap.
- Integrated GoPro stock buttons, Power/Mode Button and Record Button
- Integrated GoPro stock LED to know the status of the camera.

## Specification:

Item: NameLessRC Sunny Module

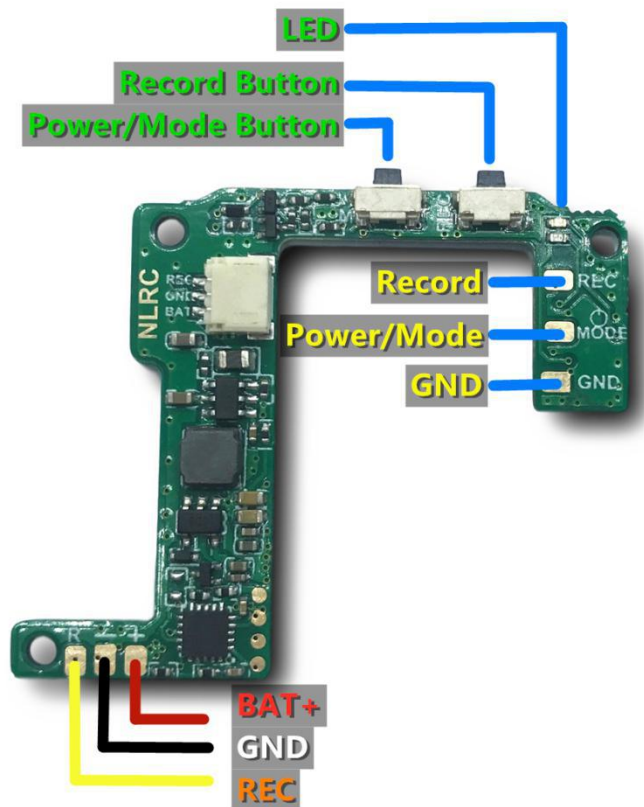
Weight: 1.5g

Output: 5V/1.5A

Input Voltage: 2-6S

Connector: PH 1.0 3P Connector

## Pins Assignment:



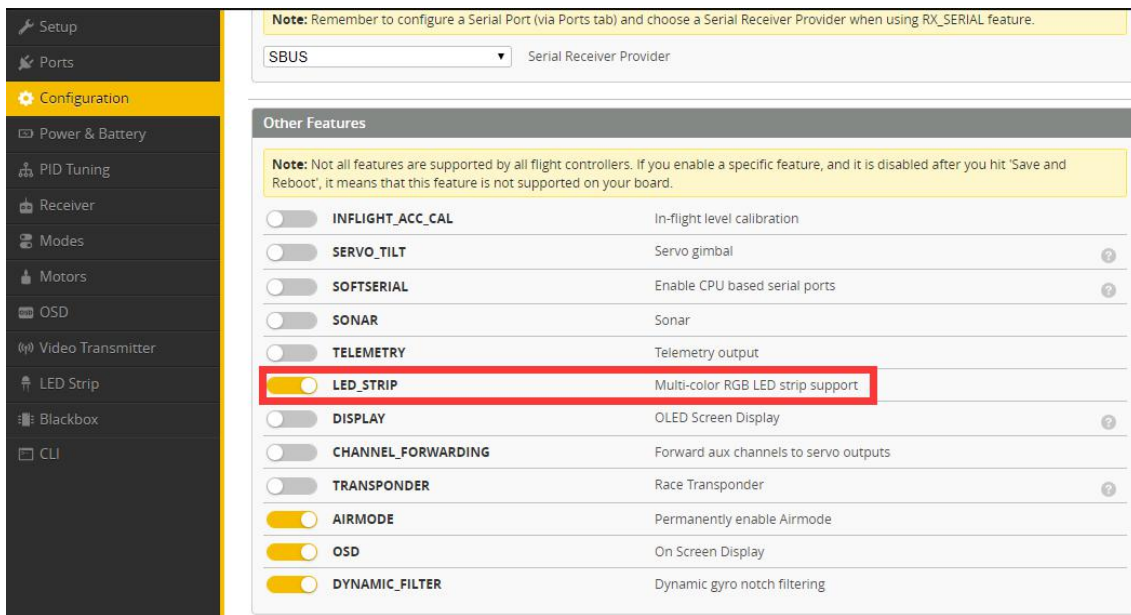
# Set up & Control:

## 1. Start/Stop recording via FC's LED function (RECOMMEND):

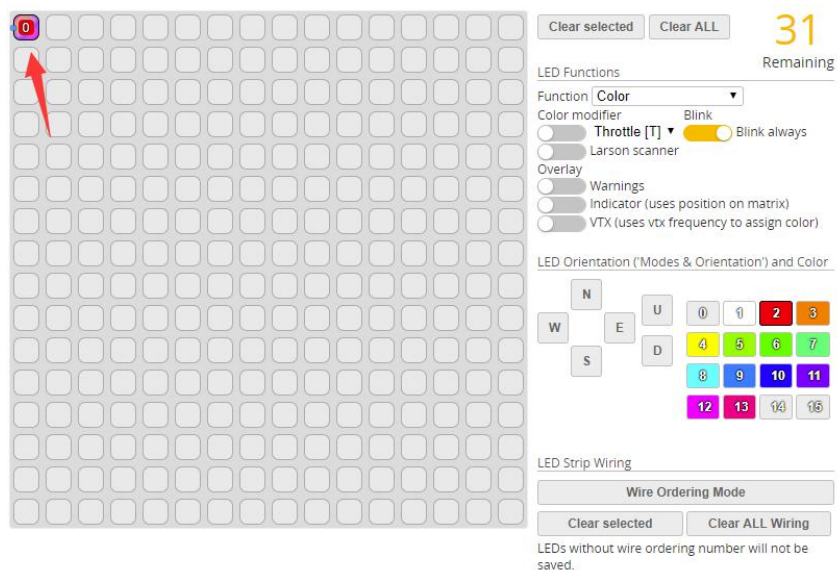
GoPro's default mode is recording mode. REC should be connect with LED pad.

### FC's set up:

-Switch on LED\_STRIP.



-Set up at least 1 LED.



-Add range on LEDLOW channel.



**Control**(YouTube <https://youtu.be/Zfl1dvslcFY>):

-Plug in battery and wait for all modules power on.

-Switch on LED channel for at least 5 secs then switch off. GoPro will start recording. LED function is still available during flight.

-Repeat step 2 to stop recording. Please wait at least 15 secs between start/stop recording.

**2.Start/Stop recording via FC' s BUZZER function:**

REC should be connect with BUZ- pad.

**FC' s set up:**

-Add range on BUZZER channel.

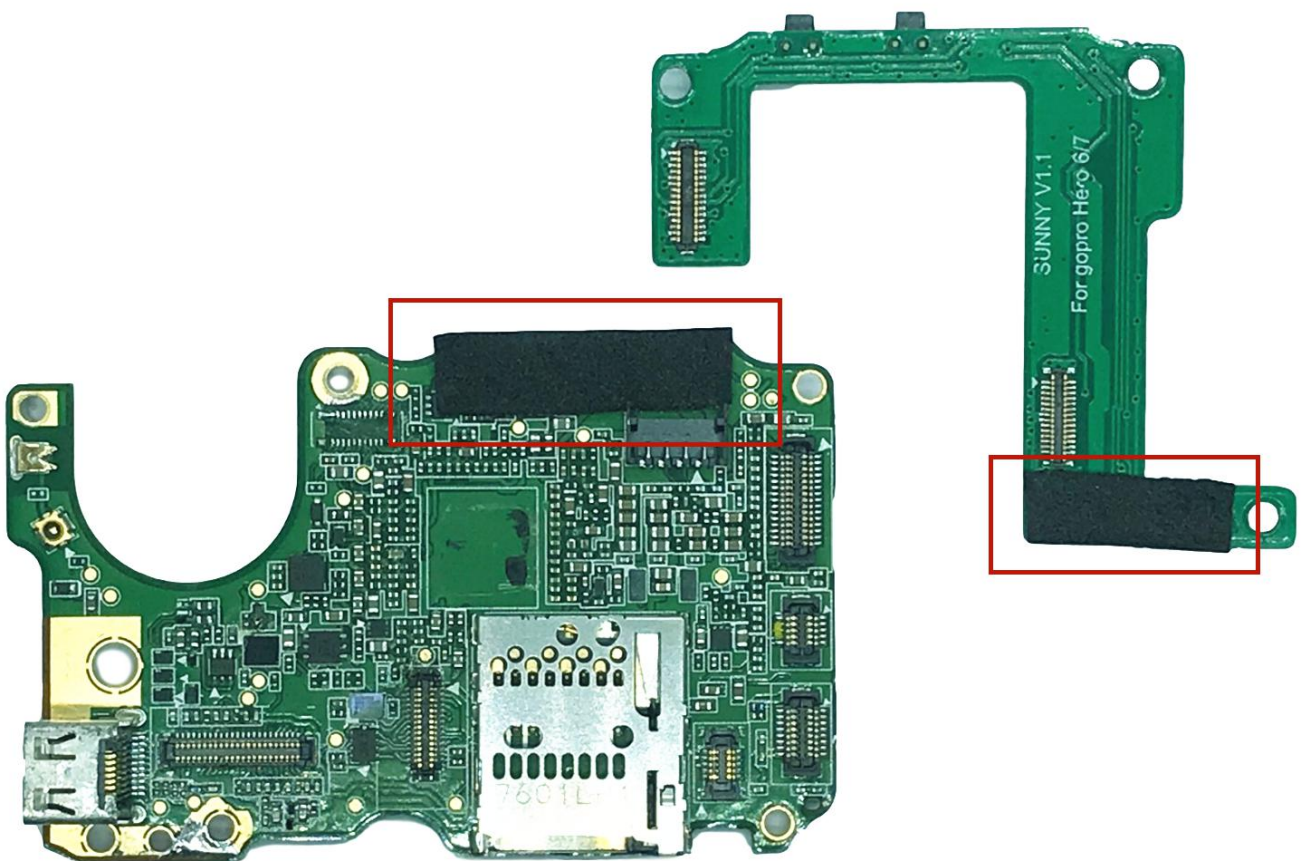


## Control (YouTube <https://youtu.be/rji8USzdcc0>):

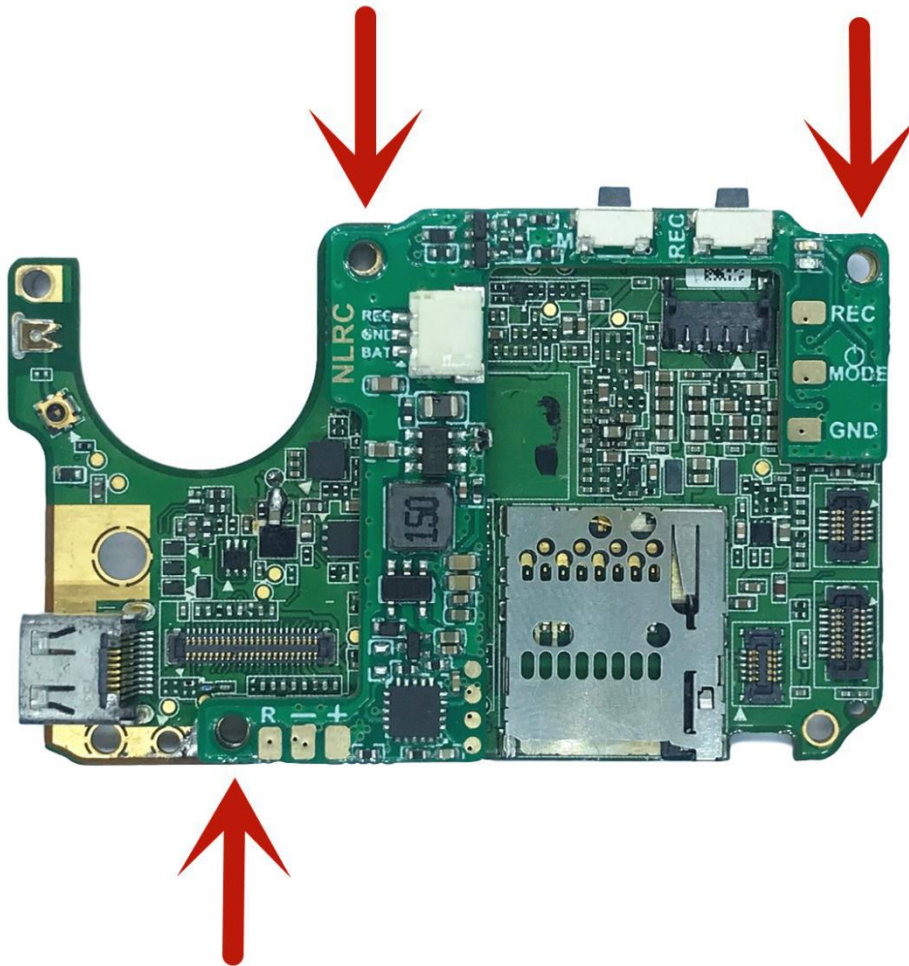
- Plug in battery and wait for all modules power on.
- Switch on BUZZER channel for at least 8 secs then switch off. GoPro will start recording. BUZZER function is still available during flight.
- Repeat step 2 to stop recording. Please wait at least 15 secs between start/stop recording.

## Install in case (3D printed file download: <https://www.thingiverse.com/thing:4550833/files>) :

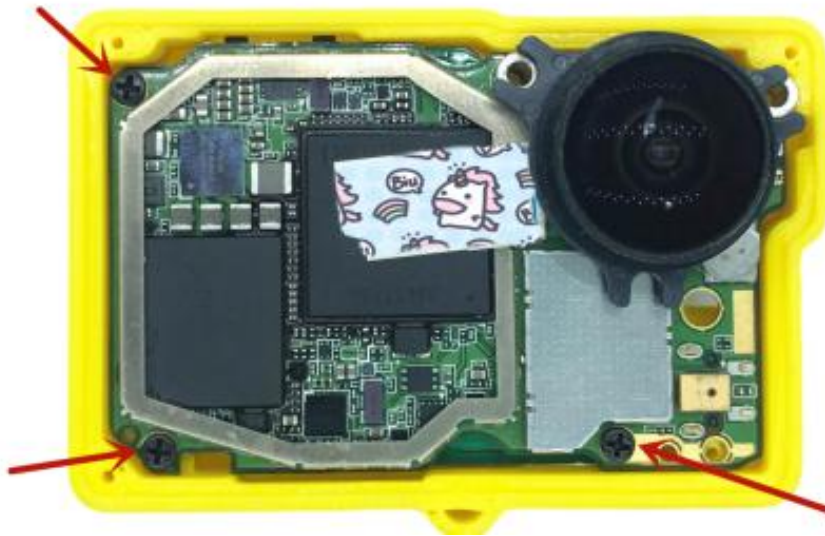
- Stick the attached EVA tape on NLRC module and GoPro.



-Put the gaskets into these 3 screw holes.



-Tighten 3 M1.4x5 screws.



-Cover the carbon fiber board and tighten 4 M1.4x8 screws.





-Cover the front and rear lens caps and tighten the M1.4x12 screws.

