

GEPRC

CineLog35



User Manual & Setup Guide

V1.0

Contents

Overview:.....	3
Specification:.....	3
Features:.....	3
Warranty Policy:.....	5
PS:.....	5
DJI Digital FPV System:.....	6
Bind TBS NanoRX:.....	7
Bind FrSky R-XSR:.....	8
Install Betaflight:.....	9
Install Drivers:.....	9
ARM(DJI Transmitter):.....	10
OpenTX Transmitter:.....	11
Install Silicone Pad,Landing pad:.....	13
Install Propellers:.....	16
Pre-flight Check:.....	17
Include:.....	18
Contact:.....	18

Overview:

The CineLog35 HD developed by GEPRC specifically for mounting complete GoPro HD camera is now officially released, There are two versions are currently available: HD VISTA Nebula Pro and Analog.

CineLog35 is improved and developed on the basis of CineLog30. Integrated protection guard design, the overall structure is firmer and durable. We adopts latest GEP-F722-45A AIO FC with higher calculation speed and high efficiency, the 5 UART Ports bring perfect performance and sufficient extended function. and the electronic system runs more stable.

CineLog35 equips with VISTA HD VTX and the Nebula Pro camera, and the picture quality is extreme clear and clean. Upgraded power system, 2004 motor with D90-3 propeller has stronger power output. It comes with a 3D Print mount to install the GoPro 9 & GoPro 10. and the Incidental base can carry Insta360 GO2 camera/ Naked GoPro Hero 8/Caddx Peanut camera.

We are pursuing lighter weight, better flying feel, and more extended functions of Quadcopters.

Specification:

Model: Cinelog35 Quadcopter

FC: GEP-F722-45A AIO

ESC: BLheli_S 45A

VTX: VISTA

Camera: Caddx Nebula Pro / Caddx Ratel2

Antenna: Momoda UFL LHCP / Momoda MMCX RHCP

Motor: GR2004-1750KV / GR2004-2550KV

Propeller: D90-3

Frame: GEP-CL35

Motor to Motor: 142mm

Weight: 236.6g (CineLog35 HD VISTA Nebula Pro 4S PNP)

Receiver: PNP , Frsky R-XSR , TBS NanoRX

Features:

1. Upgrade 3.5-inch integrated protection guard to ensure flight safety.The new design has significant roles at many aspects such as reduce noise, reduce Vibration and durable high-strength structural design.
2. Equipped with VISTA HD VTX and Nebula Pro camera.
3. The CineLog35 has an Great mount compatibility for camera. It can install GoPro10,

GoPro9, GoPro8 or Naked GoPro 8, Insta 360 GO2 cameras and Caddx peanut cameras.

4. Improving the damping rings, the shooting effect is more stable,clearer and reduce jelly.

5. GR2004 motor with D90-3 propeller has stronger power output.

6. Independent receiver cabin, convenient and quick to binding.

7. The GEPRC Team's Splendid Tuning and the overall flight feel is delicate and flexible.

Warranty Policy:

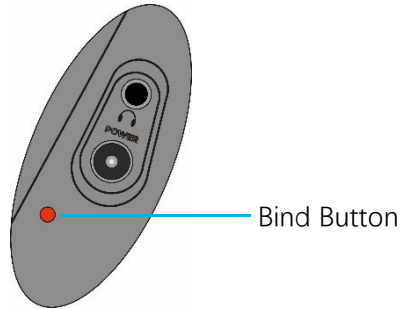
1. If Quadcopter is damaged or unknown issue, please contact GEPRC. We'll do our best to get this taken care of quickly for you.
2. Any impact damage, product liquid damage, high temperature burn or other artificial damage is not covered by warranty.

PS:

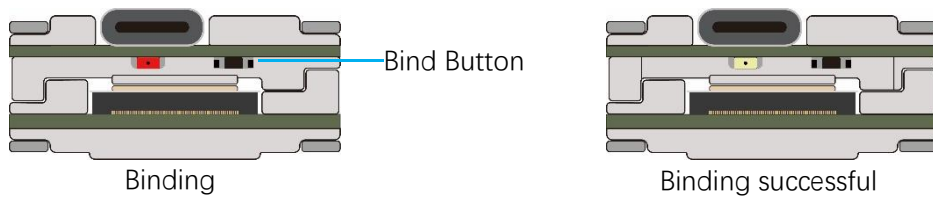
1. All components has been strictly inspected and tested before shipping.
2. If you have any problems, please cooperate with our engineers to figure out solutions.
(E-mail: support@geprc.com.)

DJI Digital FPV System:

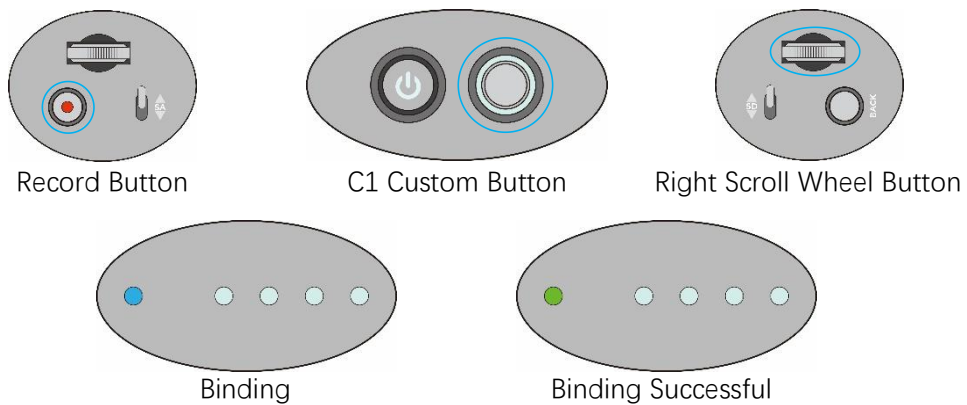
1. Turn the power of the DJI FPV Goggles, DJI FPV Transmitter, and Quadcopter. Press the DJI FPV Goggles bind button twice, and it will beep to indicate the binding state.



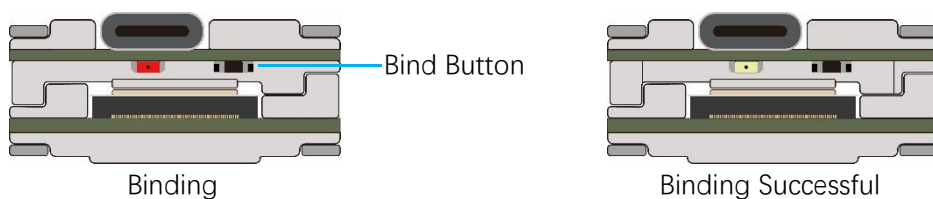
2. Press the VISTA bind button, the indicator light turns red, indicating that it is binding. Then the indicator light turns yellow, means the binding is successful, and the FPV Goggles will display the received picture.



3. Press the **C1 custom button**, **record button** and **right scroll wheel button** of the transmitter, at the same time. The indicator light turns blue, and the transmitter sends a beep indicating that it is binding.

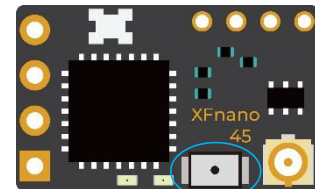
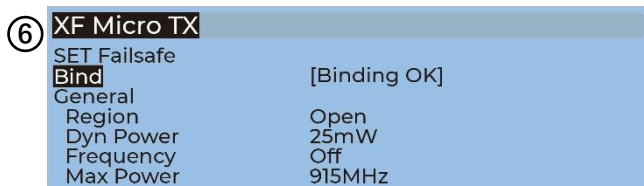
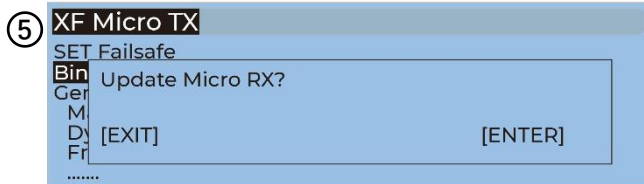
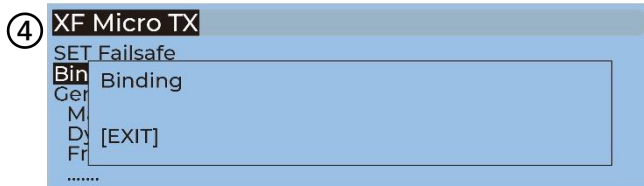
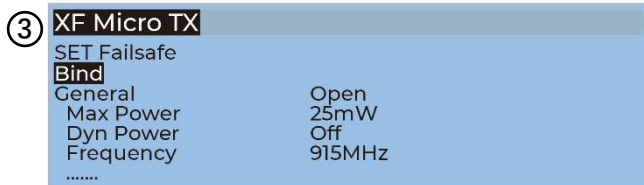
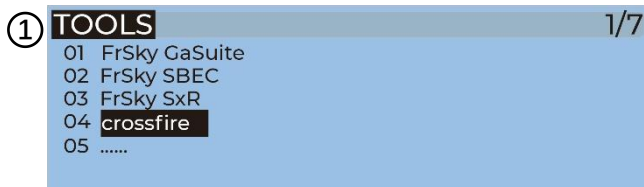


4. Press the VISTA bind button, the indicator light turns red, indicating that it is binding. Then the indicator light turns yellow, means the binding is successful. And the transmitter indicator light turns Green.

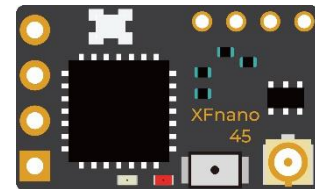


Bind TBS NanoRX:

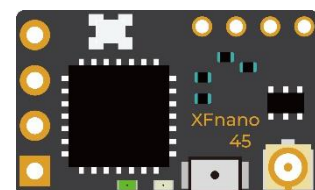
1. For Taranis X9D/X9D Plus/X9E and Taranis QX7, turn on the transmitter, go to the TOOLS – CROSSFIRE SETUP – XF Micro TX ,and select Bind.
2. Turn on the receiver while holding the bind button on the receiver, release the button and the green light on flash .and then holding the button for 8 second ,and release. And the green light is off and the red light is flashing, 'update micro RX? ' will appear on the transmitter screen, and select 'ENTER'.
3. Wait for the update to complete, the binding is successful, and the receiver green light is on.



Bind Button



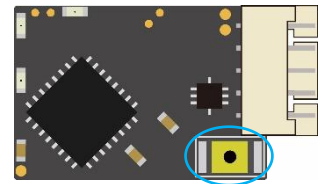
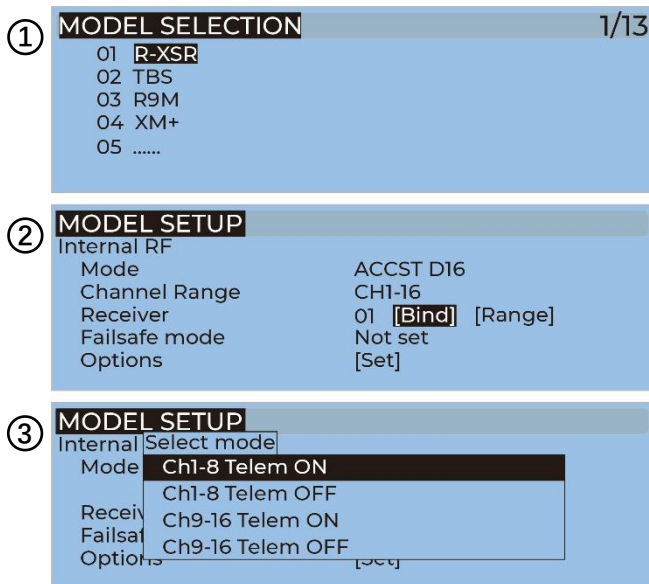
Binding



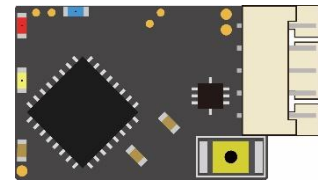
Binding Successful

Bind FrSky R-XSR:

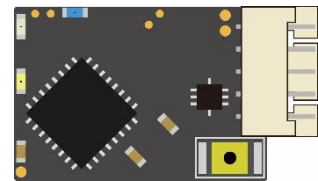
1. For Taranis X9D/X9D Plus/X9E and Taranis QX7, turn on the transmitter, go to the MENU – MODEL SETUP – PAGE 2, choose Internal RF, and select BIND.
2. Turn on the receiver while holding the bind button on the receiver, release the button and the **blue,red,yellow LED** on .
3. When the red light flashes, it indicates that the binding is successful. Turn off the receiver, and then turn on the receiver. The blue light and yellow light of receiver are on, indicating that the link is normal.



Binding Button



Binding



Binding

Install Betaflight:

Although your Quadcopter comes from the factory nearly completely ready to fly, you still need to install betaflight to facilitate your subsequent use of betaflight for debugging.

Installation package download address:

<https://github.com/betaflight/betaflight-configurator/releases>

Enter the web page, pull to the bottom, and select the appropriate installation package to download. EXE suffix is Windows system, DMG suffix is MacOS system, RPM / DEB suffix is Linux system, APK suffix is Android system.

Install Drivers:

If you are on windows, you must install the driver manually. MacOS and Linux do not.

CP210x Drivers:

<https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>

STM USB VCP Drivers:

<http://www.st.com/en/development-tools/stsw-stm32102.html>

Zadig:

<http://zadig.akeo.ie/>

ARM(DJI Transmitter):

With DJI FPV Transmitter, the toggle switch is set at the factory. The corresponding functions of each switch are as follows:

SA→AUX1 (ARM)

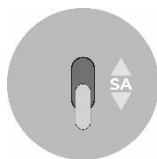
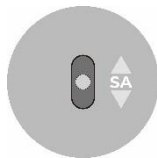
SB→AUX2 (MODES)

SC→AUX3 (BEEPER)

SD→AUX4 (Vacancy)



DJI toggle switches are all three sections. If you move the Yellow cursor of the corresponding aux channel of the switch, the corresponding function will be turned on when you move to the set range.



OpenTX Transmitter:

The transmitter of openTX system needs to check the AUX channel. For Taranis X9D/X9D Plus/X9E and Taranis Q X7, turn on the transmitter, go to the MENU –MIXS and view the current AUX channel settings.

MIXES		5/13
CH1	100 I Ail	
CH2	100 I Ele	
CH3	100 I Thr	
CH4	100 I Rud	
CH5	100 ↓ SF	
CH6	100 ↓ SG	
CH7	100 ↓ SA	

CH1-CH4 corresponds to four channels of rocker

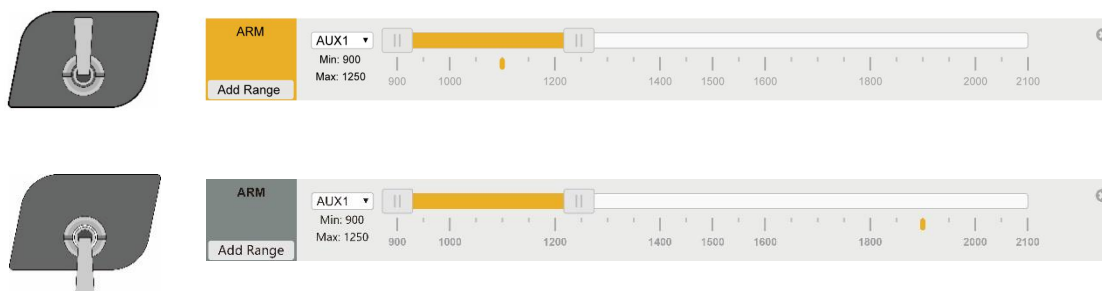
CH5 (SF) →AUX1 (ARM)

CH6 (SG) →AUX2 (MODES)

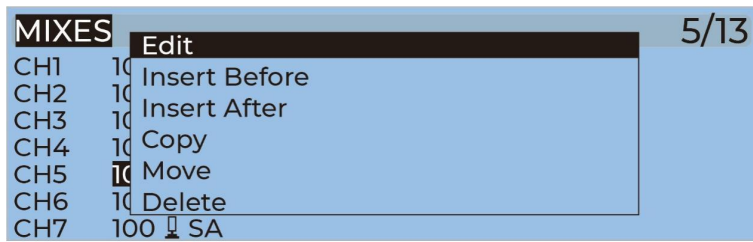
CH7 (SA) →AUX3 (BEEPER)

CH8 (Vacancy) →AUX4 (Vacancy)

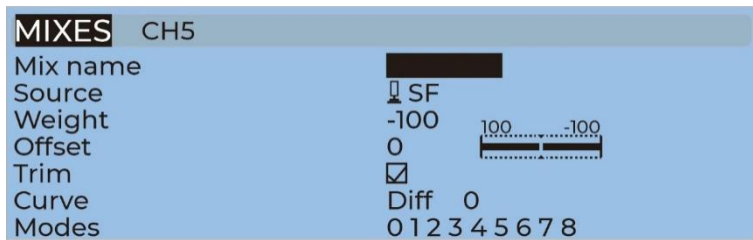
FrSky X9D transmitter SF toggle switch are two sections. If you move the Yellow cursor of the corresponding aux channel of the switch, the corresponding function will be turned on when you move to the set range.



Use the transmitter wheel to move the cursor to select the AUX channel, and then press and hold the wheel key to edit the channel.

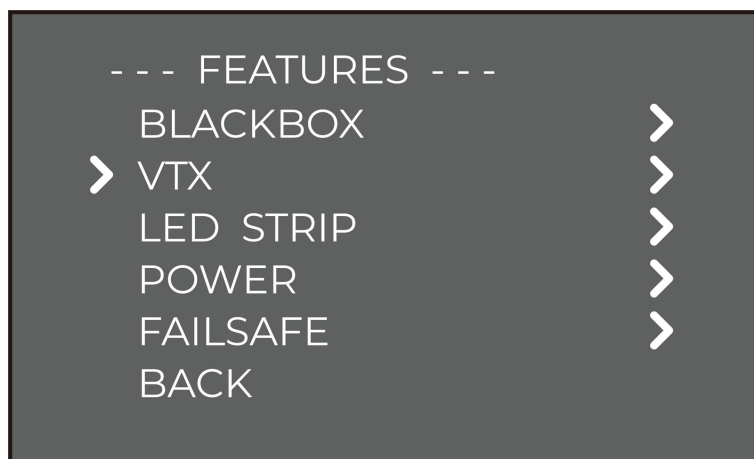
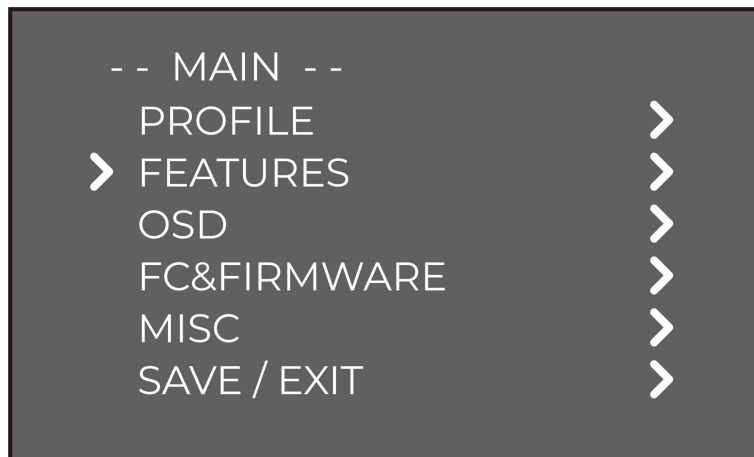
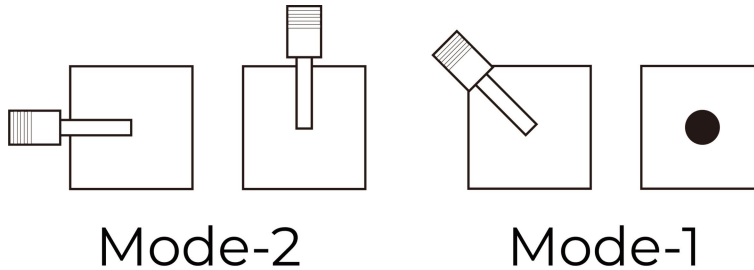


You can name the aux channel, or set the toggle switches you want, exit and save it.



IRC Tramp(Analog):

Turn on the transmitter,THR middle,YAW left,PITCH up,enter the OSD menu. The PITCH moves the cursor up and down, and the ELE right to enter the next item. Finally,save and exit.



```

- TRAMP -
X R7 5880 25
> PIT OFF
BAND RACE
CHAN 1
(FREQ) 5880
POWER 25
T(C) 45
SET >
BACK

```

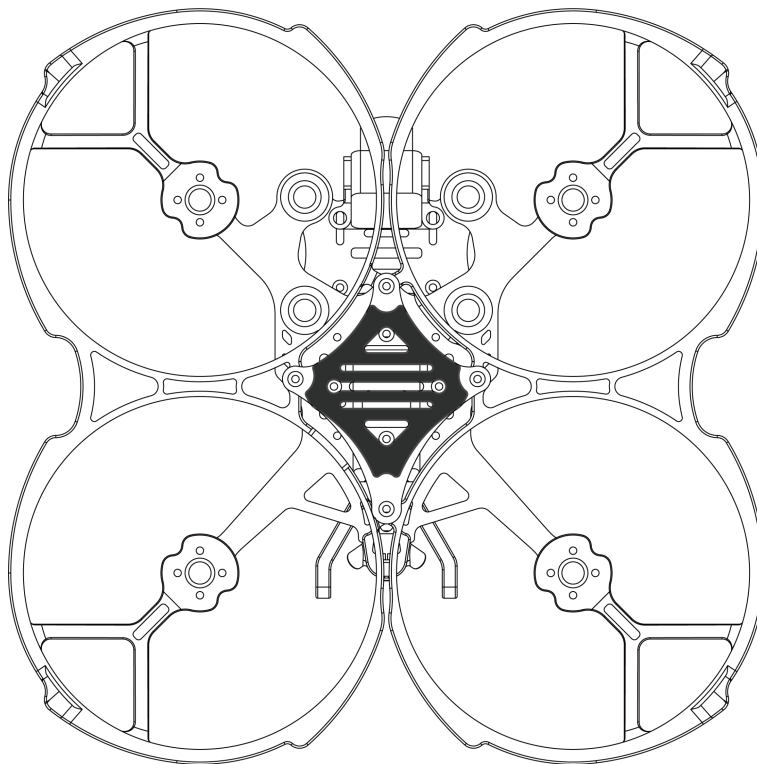
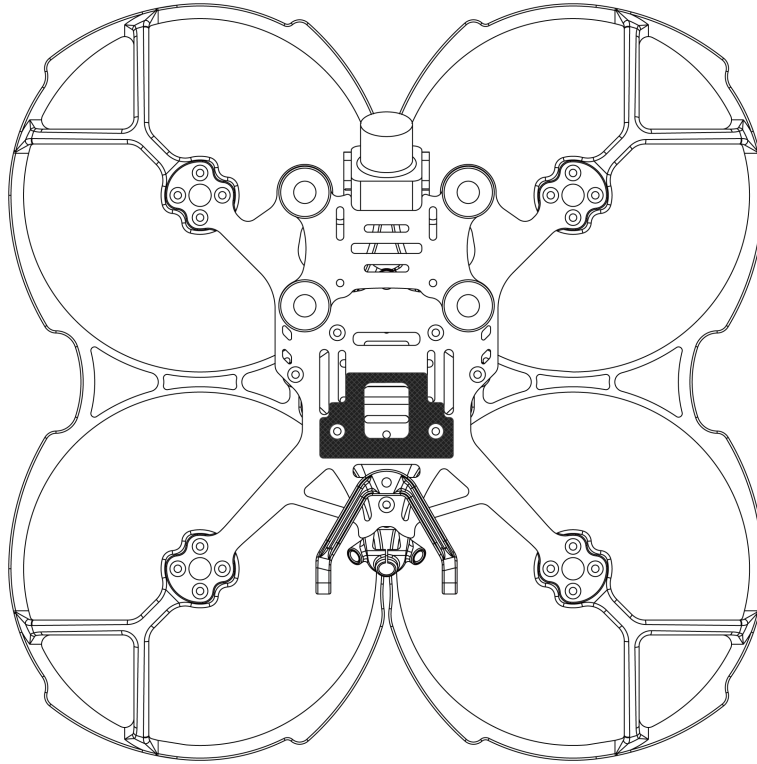
```

CONFIRM
> YES >
NO

```

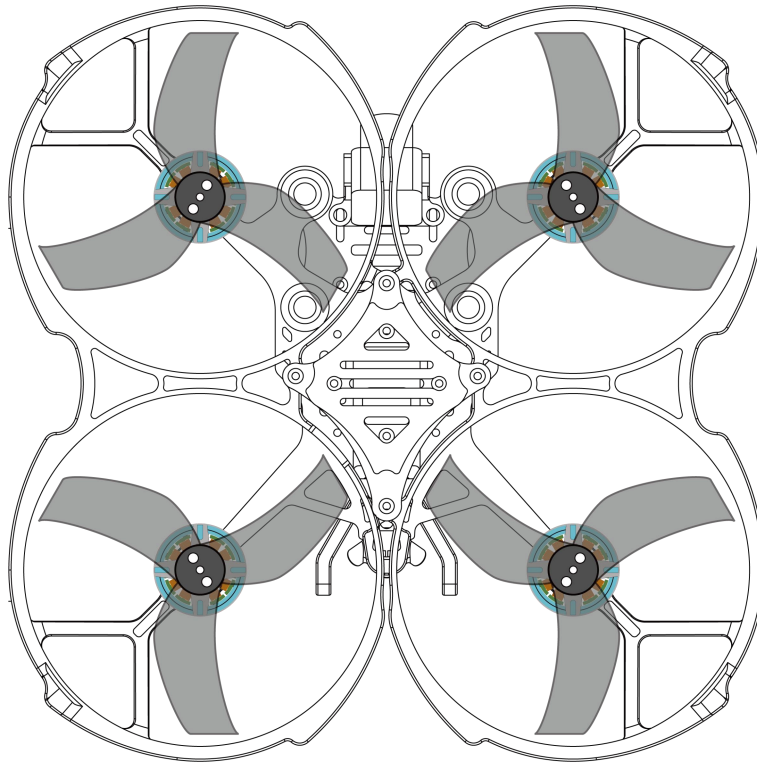
Universal frequency table (BAND)	CH							
	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
1, A (BOSCAM)	5865Mhz	5845M	5825M	5805M	5785M	5765M	5745M	5725M
2, B (BOSCAM)	5733Mhz	5752M	5771M	5790M	5809M	5828M	5847M	5866M
3, E (BOSCAM)	5705Mhz	5685M	5665M	5645M	5885M	5905M	5925M	5945M
4, F (FATSHARK)	5740Mhz	5760M	5780M	5800M	5820M	5840M	5860M	5880M
5, R (RACEBAND)	5658Mhz	5695M	5732M	5769M	5806M	5843M	5880M	5917M

Install Silicone Pad,Landing pad:



Install Propellers:

Although the propeller of cinelog35 are installed in the factory, the direction of the propeller should be checked before taking off.



Pre-flight Check:

In many cases, the cause of a Quadcopter crash is not checked before takeoff. For the sake of safety, we suggest that you check before every flight. The steps are as follows:

1. Turn on the transmitter and select the correct mode. Please confirm that the arming switch on the transmitter is in the "disarmed" position and throttle is all the way down;
2. Please perform a physical inspection of the Quadcopter for damage. If there is damage, please repair first;
3. Please confirm the propeller is in the right direction and the propeller nut is locked, otherwise there is a risk of crash;
4. Check LiPo battery voltage. A fully-charged LiPo should be about 4.2 volts per cell, or about 12.6 volts for a 3S, or 16.8 volts for a 4S;
5. Please confirm the battery is securely attached to the aircraft by the strap. And secure the balance lead so that it can't be struck by the props;
6. Please Scan the flight area for any safety issues that might be present, such as people or animals;
7. Verify that you have clean, strong video in your FPV goggles or screen. If you see interference or you see another pilot's feed, resolve this issue before flying;
8. Arm the quadcopter. Listen for the props hitting anything like an antenna or the battery wire;
9. At this stage, take off and enjoy flying.

Note: if you choose to fly close to water, please pay attention to the flight safety. It is difficult to salvage the Quadcopter when it falls into the water, and the water in the Quadcopter is not covered by the warranty.

Include:

- 1 x CineLog35 Quadcopter
- 2 x D90-3 propellers (pairs)
- 1 x Battery strap M15x200mm
- 2 x Battery Silicone Pads
- 2 x Landing Pads
- 4 x 15 degrees damping rings
- 1 x 3D print mountings combination
- 1 x Screw combination
- 1 x Screwdriver combination
- 1 x OSD menu board (Analog Version)
- 1 x Antenna fixed tube

Contact:

Website: <https://geprc.com/>

