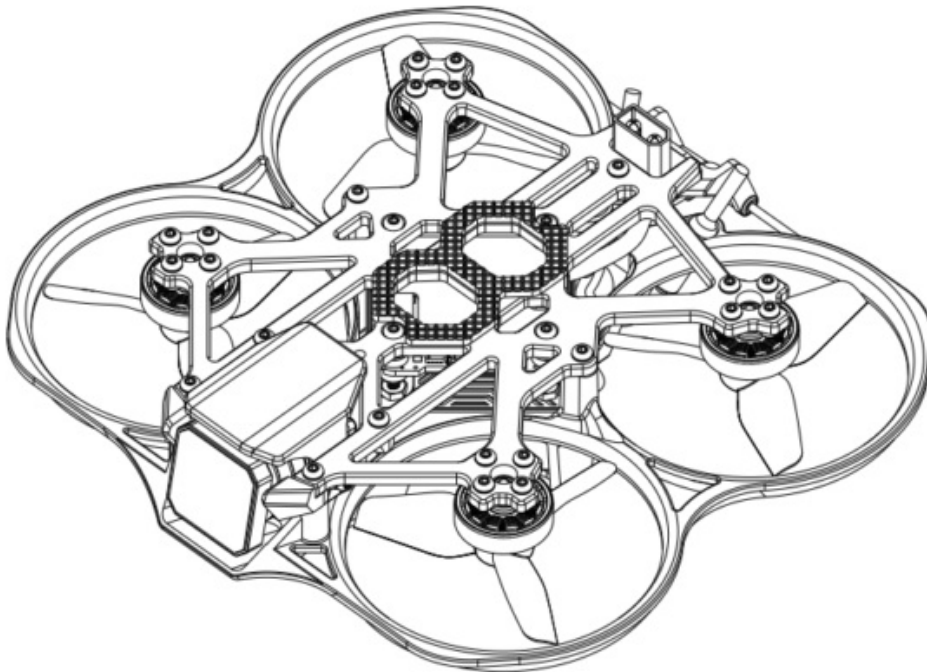


CADDX FPV Gofilm 20 Universal Solution For Daytime User Guide

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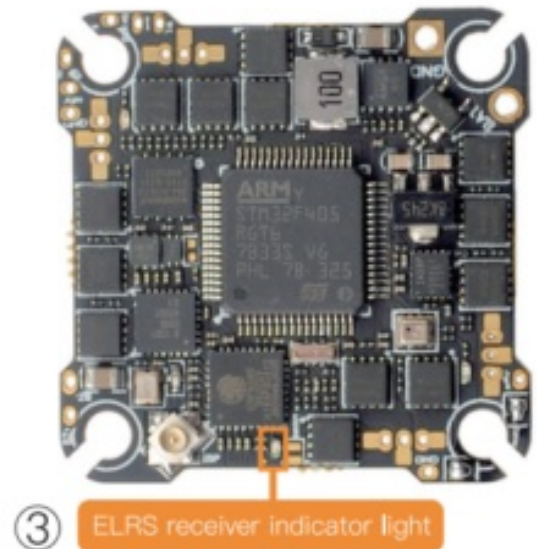
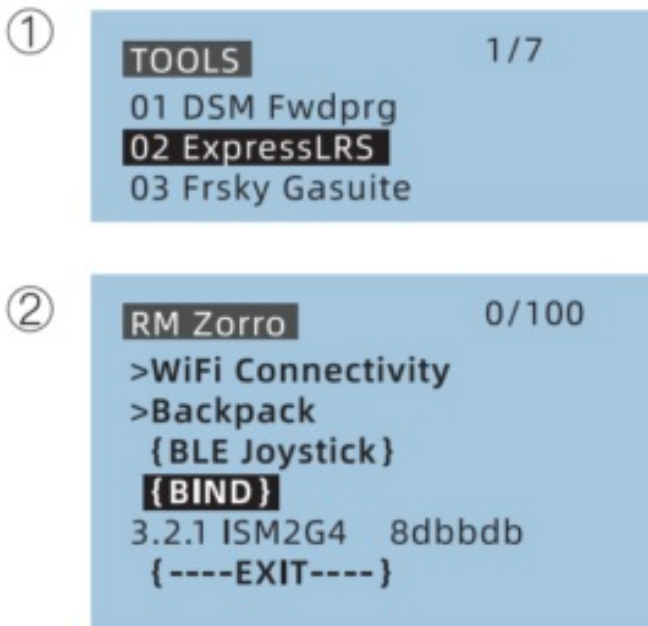
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How to bind ELRS 2.4G

1. The flight controller has a built-in ELRS receiver. Use the battery to quickly power up the Gollum 20 three times. When the receiver indicator (as shown in Figure 3) turns red and flashes twice quickly, it enters the binding mode.
2. Use the ELRS 2.4G protocol remote controller for frequency binding. Take the Radiomaster ZORRO ELRS 2.4G remote controller settings as an example. Perform the remote controller settings according to Figures (1) (2). After the frequency binding is successful, the flight control ELRS receiver indicator light will be solid red.

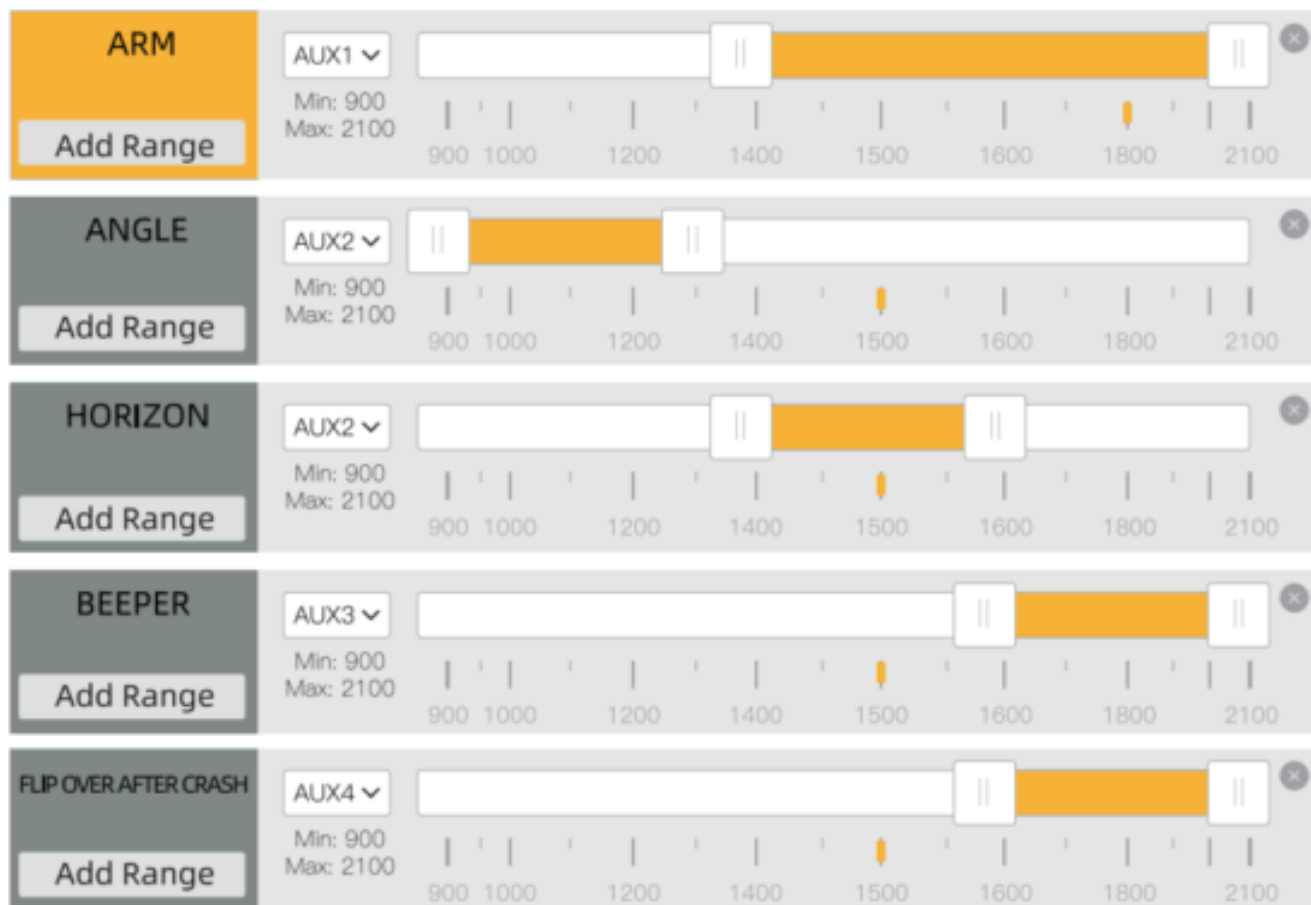
Default firmware version: ExpressLRS V3.0.1



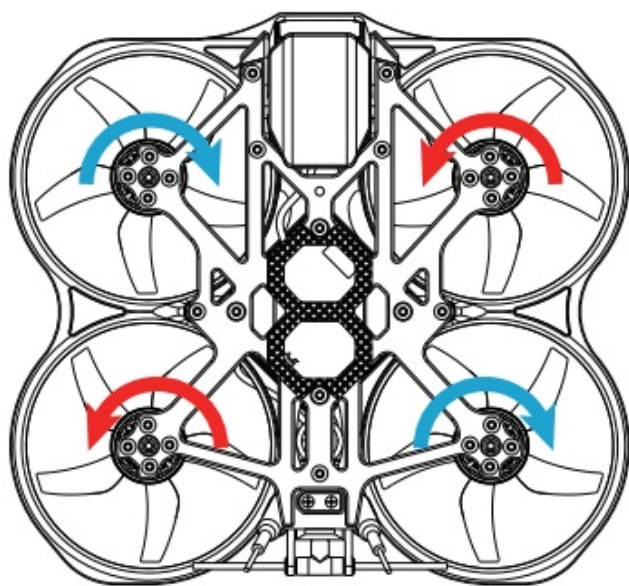
ARM & Mode

After the binding is successful, use FC to connect to the Betaflight, and enter the Modes tab.

Try to toggle the corresponding switch for each function, 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.



Default motor rotation direction



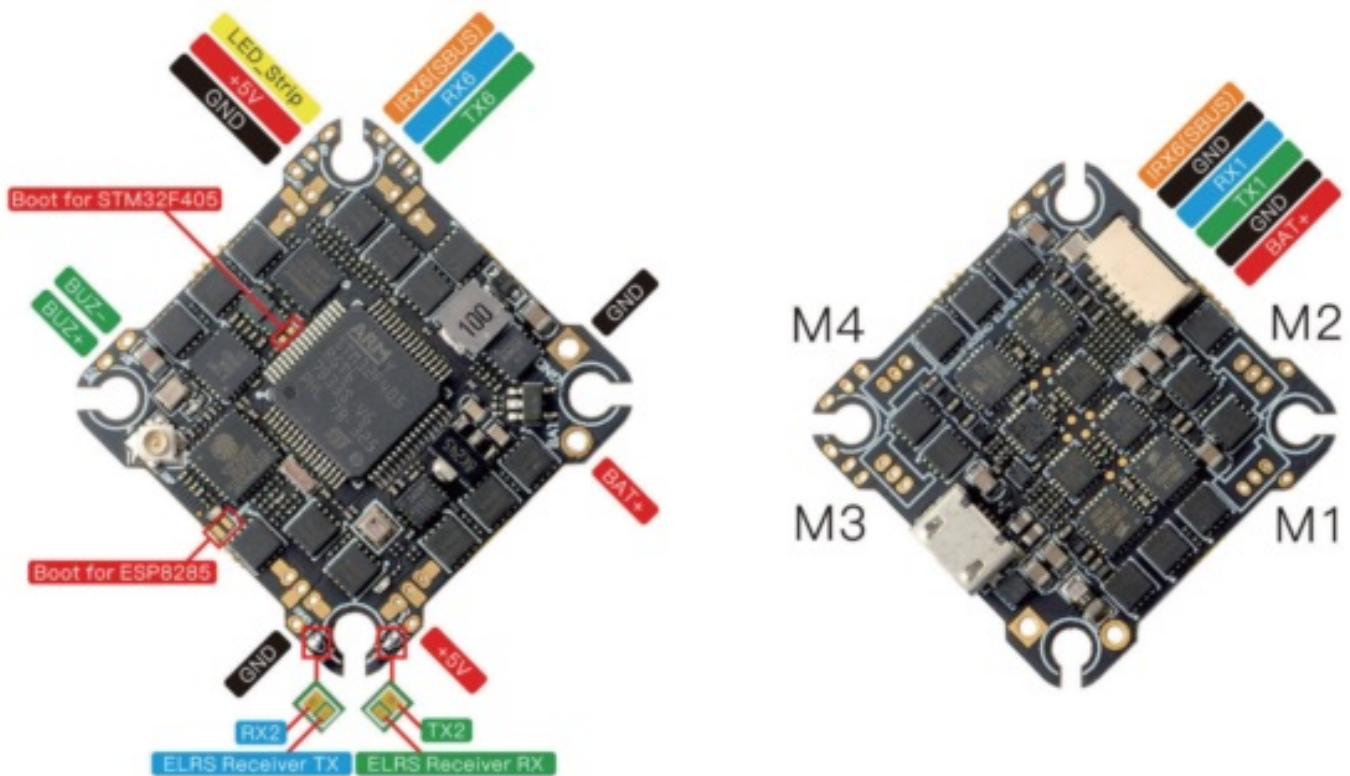
How to bind VTX

1. Connect the moonlight kit and the power of the goggles.
2. Short press the moonlight kit and goggles linking buttons respectively, when the moonlight kit enters the pairing state The VTX LED turns red, and the goggles end is a DI. ... DI. ... DI. ...
3. After the link is successful, the indicator light on the VTX LED turns solid green, the beeping sound on the goggles stops and the screen is displayed.

For more information on how to use the MOONLIGHT KIT, please scan the QR code to view the electronic manual.



Flight control wiring



Pre-flight Check

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 the throttle is all the way down.
2. Check whether the propeller steering is correct, whether the rotation is smooth, and whether the screws are locked.
3. Check whether the battery power is sufficient. The 4S battery is fully charged at 16.8V.
4. Please confirm the battery is securely attached to the aircraft by the strap. And secure the balance head so that it can't be struck by the props.
5. Observe whether the take-off environment is safe, whether there are obstacles, and whether it is in a no-fly zone.
6. Verify that you have clean, strong video in your Fpv goggles or screen. if you see interference or you see another pilot feed, resolve this issue before flying.

CAUTION!

- This product is NOT a toy, thus it is not suited for children under 14 years of age.
Minors should be accompanied by an adult when operating.
- Warnings listed in the instructions must be read carefully.
- Improper adjustments and operation will result in crashes and damage to the item.
- Experience is required before handling this product.

Product Information

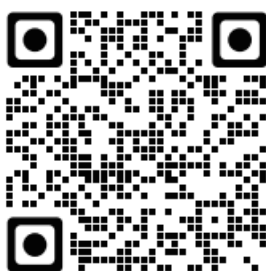
GOFILM 20 Features	Equipped with Avata moonlight HD digital VTX, 1080p low-latency long- distance transmission; Support 4k60 video recording; Designed specifically for the Avatar moonlight and can be fitted with ND filters; Use high quality 1303 6000kv motor with strong power; Fixed power plug design reduces exposed wires; Use 2- inch propellers with protective rings for safer flight; Flight controller built-in ELRS 2.4G receiver.	
GOFILM 20 Parameter	Name	GOFILM 20
	flight Control	CADX- CADDXF4_AIO_ELRS
	VTX	Moonlight Kit
	Motor Diagonal	94mm
	Motor	1303 6000KV
	Propeller	HQ Prop T2x2x3
	Weight	115±5g
	Size	33x123x39mm
	Maximum Hover Time	4S650mAh & About 5 min 30s
	Remote Control Receiver	ELRS 2.4G
	Battery Interface	XT30
	MCU	STM32F405RGT6
	GYRO and IMU	ICM42688
	Barometer	BMP280

Flight Control Parameters	ExpressLRS Receiver	ELRS V3.0 UART
	ESC	20A 4-IN- 1
	Blackbox	8MBp
	Support Power	2~4S Lipo/ Lihv
	Mounting hole Distance	25.5×25.5mm
	Firmware Target	BET AFLIGHTF4
VTX Parameters	Model	Moonlight Kit
	Firmware Name	AvatarMoonlight_Sky_X.X.X
	Communication Frequency	5.725- 5.850 GHz
	Transmitter Power (EIRP)	FCC:<30dBm;CE:<14dBm; SRRC: <20dBm; MIC: <25dBm
	1/0 Interface	JST1 .0*4(power cable); JST0.8*6(USB); microSD Card Slot; IPEX- 1
	Sensor	Starlight sensor
	FOV	Max 160°
	Aperture	F2.1
	Shutter	Rolling shutter
	ISO	100- 25600
	Recording Resolution	4K@30/60fps; 2 7K@30/60fps; 1080p@100/60fps; 720p@60fps
	Max Mbps	150Mbps
	Video Format	MP4 (H.264)
	3D DNA	Support
	Gyro flow	Support
	Built- in EIS	Support

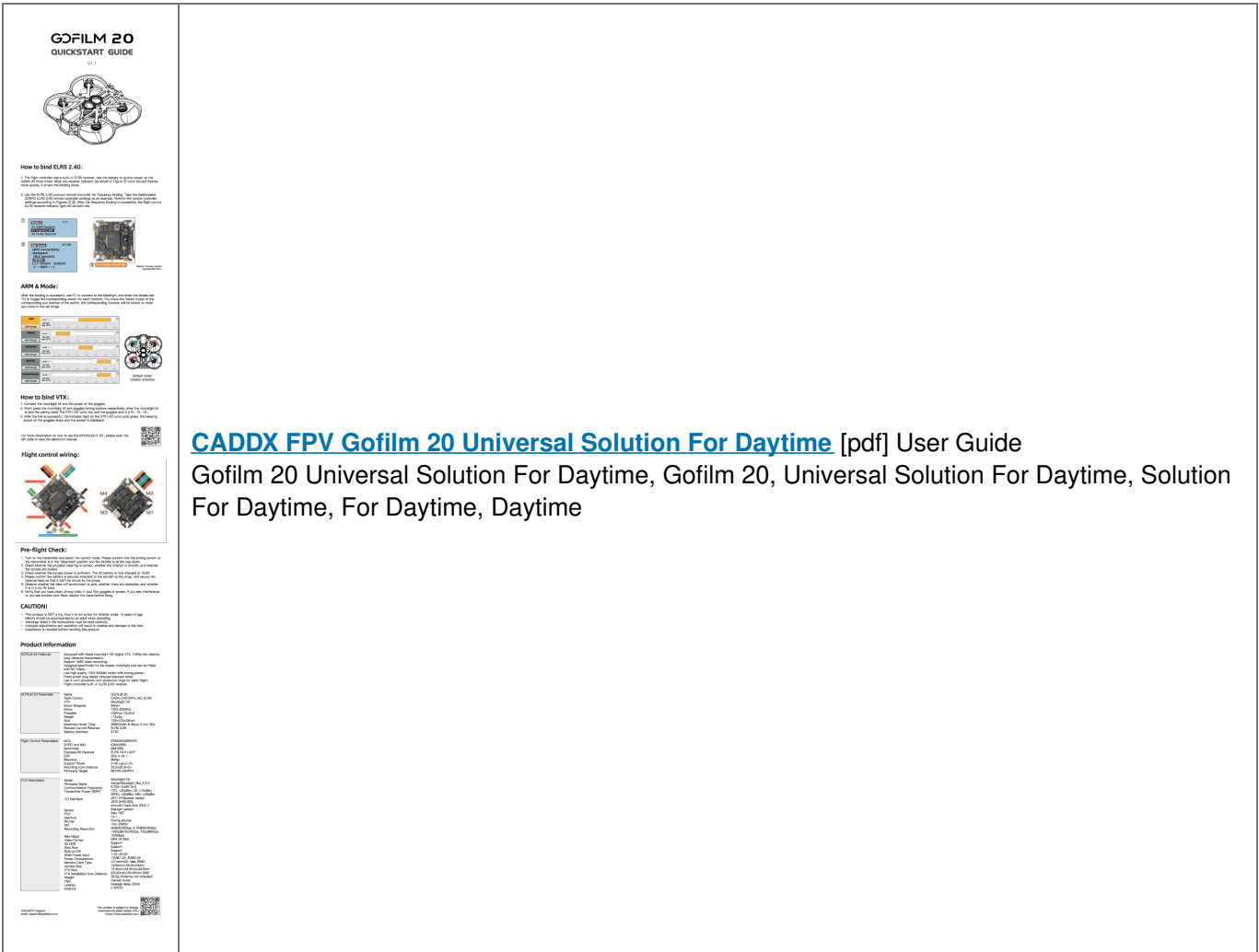
Wide Power Input	7.4V- 25.2V
Power Consumption	12V@1.4A, 8V@2.2A
Memory Card Type	U3 microSD, Max 256G
camera Size	19.6mmx19mmx24mm
VTX Size	15.3mmx34.5mmx34.5mm
VTX Installation hole Distance	20x20mm/ 25x25mm (M2)
Weight	38.5g (Antenna not included)
OSD	Canvas mode
Latency	Average delay 22ms
Antenna	2 (IPEX)

Customer Support

CADDXFPV Support
email: support@caddxfpv.com
This CMtent is subject to change.
Download the latest version from
<https://www.caddxfpv.com>



Documents / Resources



[CADDX FPV Gofilm 20 Universal Solution For Daytime](#) [pdf] User Guide
Gofilm 20 Universal Solution For Daytime, Gofilm 20, Universal Solution For Daytime, Solution For Daytime, For Daytime, Daytime

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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