



CrossFlight-CE

Quick Start Guide

Thank you for choosing RadioLink product. This product is not a toy and is not suitable for children under the age of 14. Adults should keep the product out of the reach of children and exercise caution when operating this product in the presence of children.

Note: In order to fully know about the usage of CrossFlight-CE and ensure flight safety, please download the detailed instruction manual from

www.radiolink.com.cn/crossflightce_user_manual

Read carefully and set the device as instructed. If there is any question, please send messages/leave comments on Facebook and YouTube or send mails to after_service@radiolink.com.cn.

* CrossFlight-CE is adaptable to multirotor, airplane, helicopter, car, boat, submarine, radartracker and robot.

* CrossFlight-CE can only upgrade the firmware from RadioLink.

firmware. The default firmware is for Multicopter.

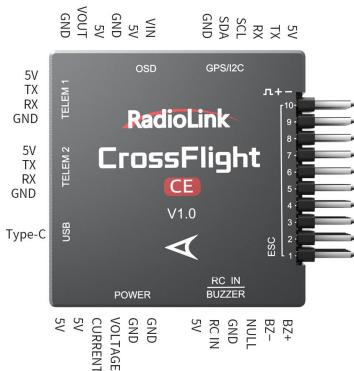
* CrossFlight-CE can set parameters by RadioLink Mission Planner, ArduPilot Mission Planner, and QGC Mission Planner.

* CrossFlight-CE can upgrade the firmware by both RadioLink Mission Planner and ArduPilot Mission Planner (Firmware can only be installed by loading custom firmware).

[CrossFlight-CE firmware download link:](#)

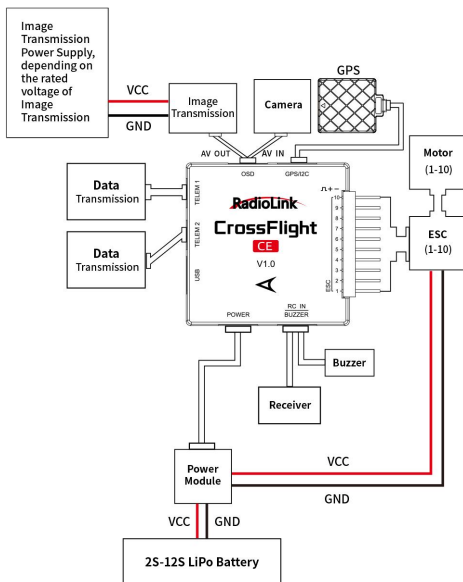
www.radiolink.com.cn/crossflightce_firmware

Note: Make sure the power module is insulated from the metal or carbon fiber frame. It is strongly advised NOT to remove the shell. Otherwise the barometer might malfunction.

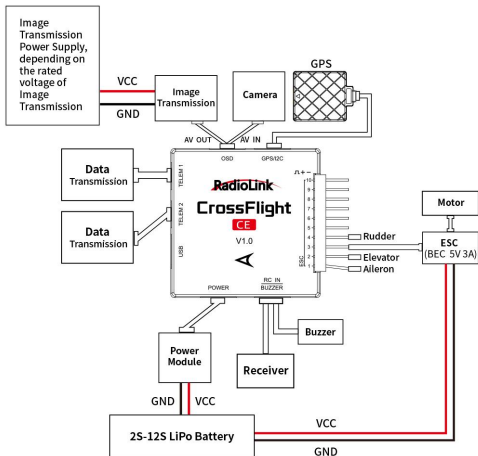


Connection Diagram of CrossFlight-CE to Different Model Types

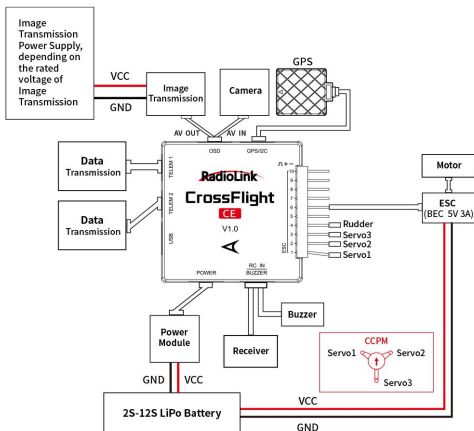
CrossFlight-CE to Multicopter



CrossFlight-CE to Fixed-Wing



CrossFlight-CE to Helicopter



Packing List



CrossFlight-CE x1



Power Module
(Support 2-12S)x1



Buzzer x1



I2C Transfer
Board x1



FC Status
Indicate LED x1



Double-sided
Adhesive Tape x2



4G TF (MicroSD)
Card x1



Buzzer&Receiver
Connect Cable x1



TELEM1&2 Ports
Connect Cable x2



FC Status Indicate
LED Cable x1



I2C Transfer Board
Connect Cable x1



OSD Port
Connect Cable x1



I2C Transfer Board
Connect Cable x1



USB Type-C
Cable x1



Quick Start
Guide x1



Packing Box x1

Specifications		
Weight & Dimension	Dimension	39.7*39.7*13mm (1.56"*1.56"*0.52")
	Weight	16.5g (0.58oz), 54g (1.9oz when all the connect wires included)
Hardware	Processor	HC32F4A0PITB
Sensor	Gyro & Accelerometer	QMI8658A
	Compass	VCM5883L
	Barometer	SPA06-003
	OSD Chip	AT7456E
	FRAM	Without FRAM, use the internal flash to store parameters, 2617 waypoints for multicopters, and 2623 waypoints for airplanes/ cars/boats.
	Buzzer	1
	Safety Switch	None
Connector	Type	JST GH 1.25 Connector
	PWM Output	10 PWM Output
	Mavlink UART	2 (Without CTSRTS)
	USB Port	1 (Type-C)
	GPS UART / I2C Port	1
	Signal Input	PPM/SBUS/CRSF
	RSSI Output	Support
	OSD Module	OSD Module integrated

	ESC Protocol	PWM, DShot, and OneShot Protocol
	RTK	Support
Power Module Specifications	Weight	16.5g (0.58oz) without wire
	Input Voltage	2-12S
	Maximum Detection Current	90A
	Output Voltage (BEC)	$5.3V \pm 0.2V$
	Output Current (BEC)	2A
	Single ESC Maximum Detection Current	22.5A
Adaptable Models	Airplane/2-8 Copters/Helicopter/Car/Boat/Submarine/Radartracker/Robot	
Operating Parameters	USB Voltage	$5V \pm 0.3V$
	Servo Voltage	Not applicable
	Operating	-30~85°C