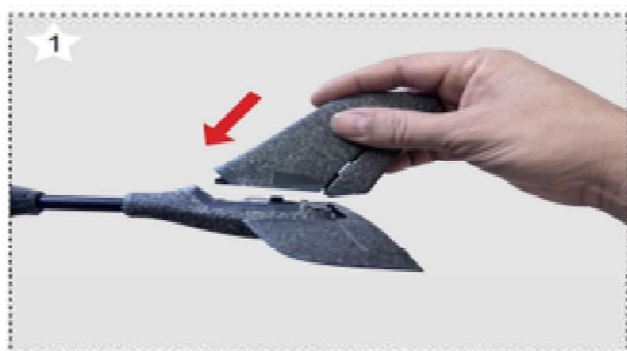


AF-T UAV

Please read this manual carefully before operating this aircraft

Installation Diagram 安装示意图



Specifications

MATERIAL:	DURABLE EPP+NYLON PLASTIC(15% GF)
WING SPAN:	560mm
LENGTH:	440mm
WING AREA:	4.99dm ²
SERVO:	2g Digital 4x
ESC:	VZ TWIN BLS 20a x2 1-4s(5V 0.7a BEC)
BL MOTOR:	M14P kv4200 2x or M14L kv8000 2x
PROPELLER:	4in 2x (Max)
PNP WEIGHT:	Grey(160g) White(150g) *W/O BATT*

SUPER PERFORMANCE
ACCURATE FLIGHT



注意

NOTICE

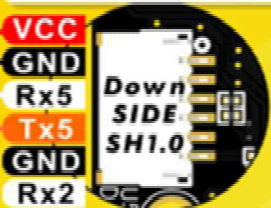
The CG measurement should be made with the completed airframe with all components (batteries, servos, receiver, linkages, screws, bolts, hardware, etc.) installed. Failure to do so will result in inaccurate measurement.

PCB Layout & Diagram

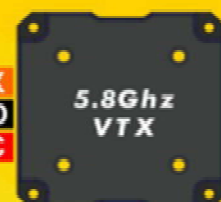
FC Analog PORT OPTION B



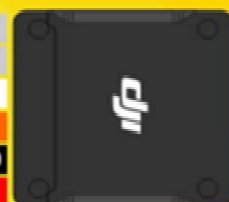
FC Digital PORT OPTION A



1. CAM and RX signals share the same trace on the fore cabin PCB.
2. Alg VTX and TX signals share the same trace on the fore cabin PCB.
2. VCC and 5V power rails are independently.
3. VCC rail continuous current: 3A.
4. All 5V circuits share common bus in fore cabin (CC: 2A).



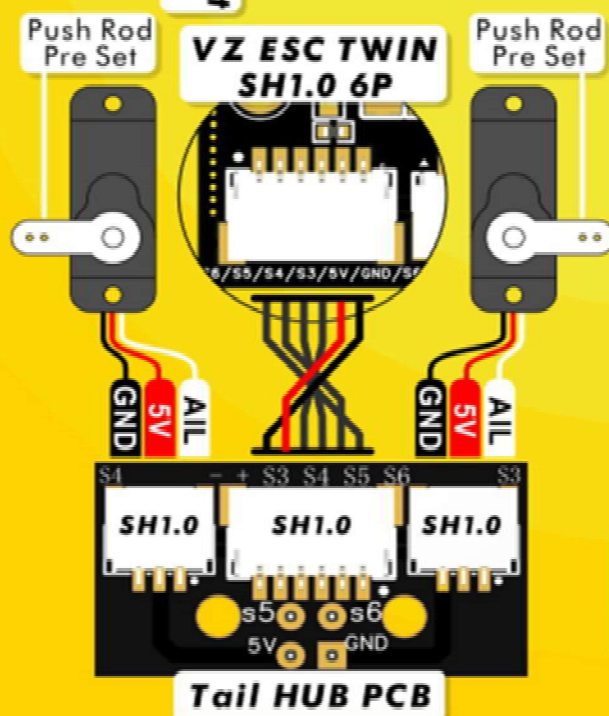
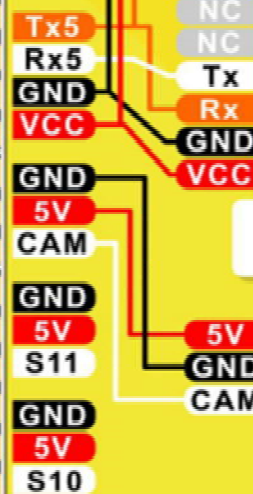
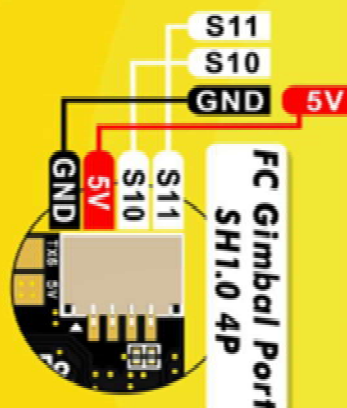
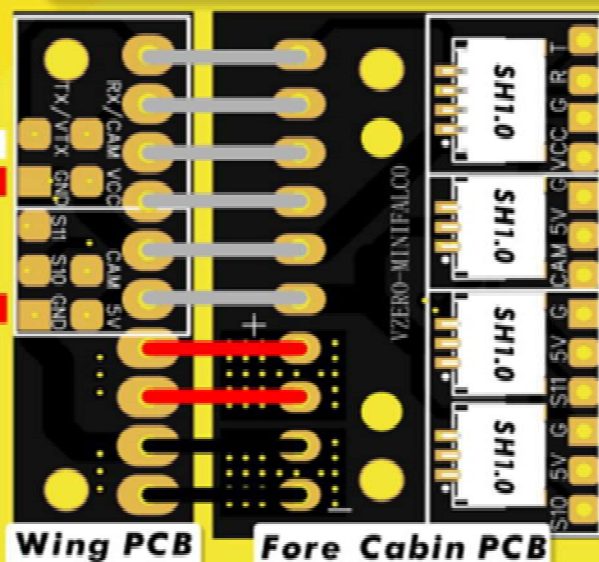
Analog VTX OPTION B



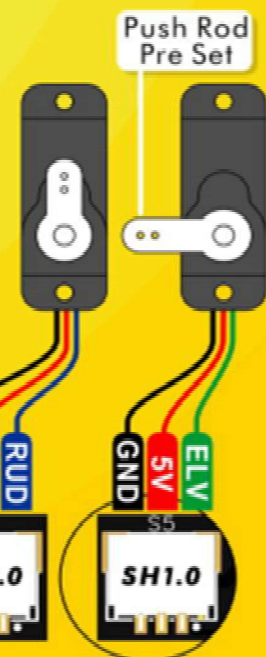
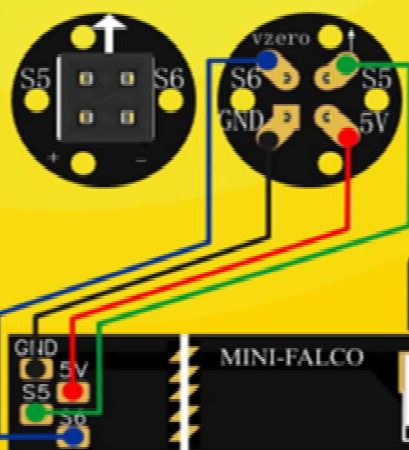
Digital VTX OPTION A



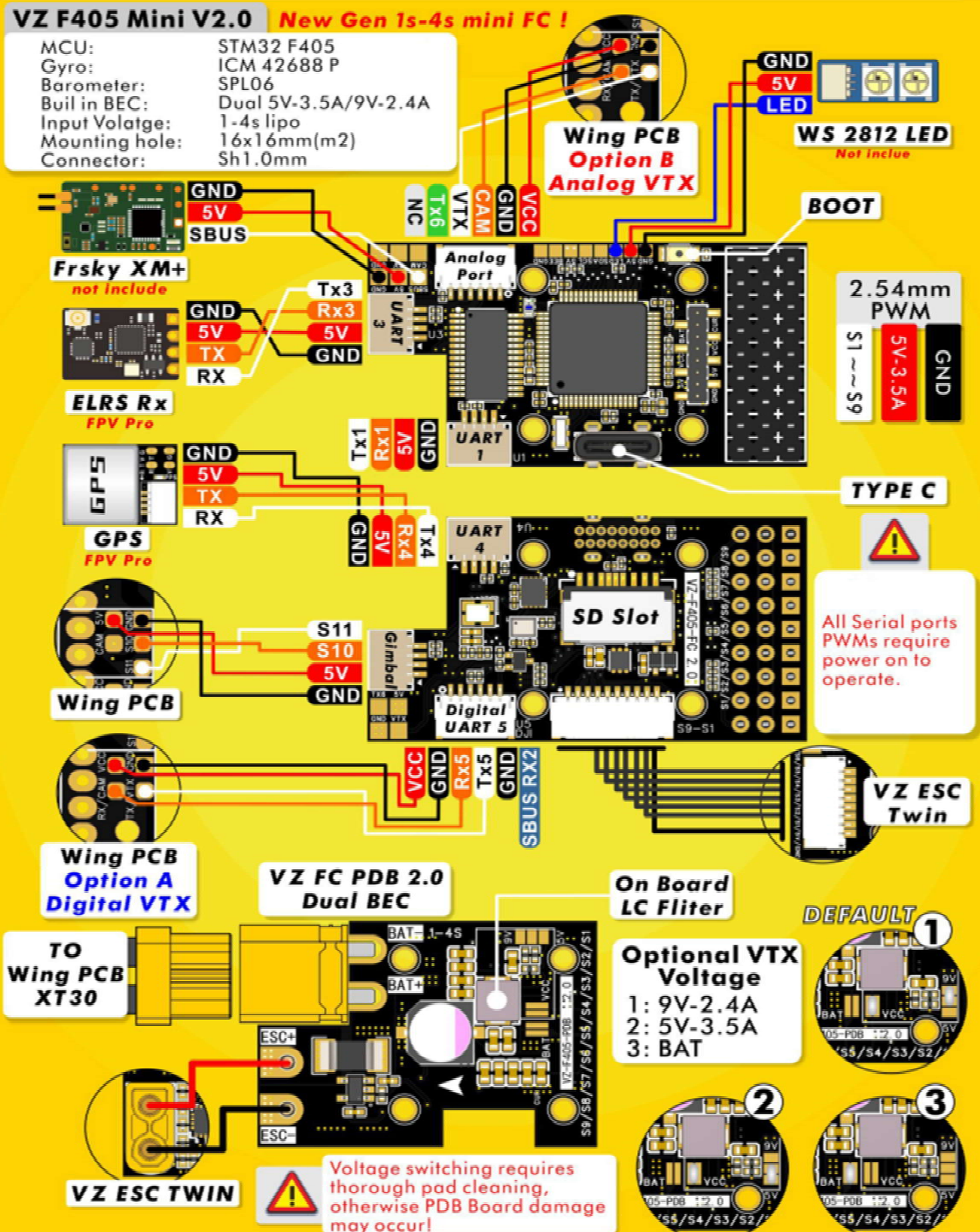
Analog CAM OPTION B



Tail CF Tube PCB 2.0mm 2x2P



3



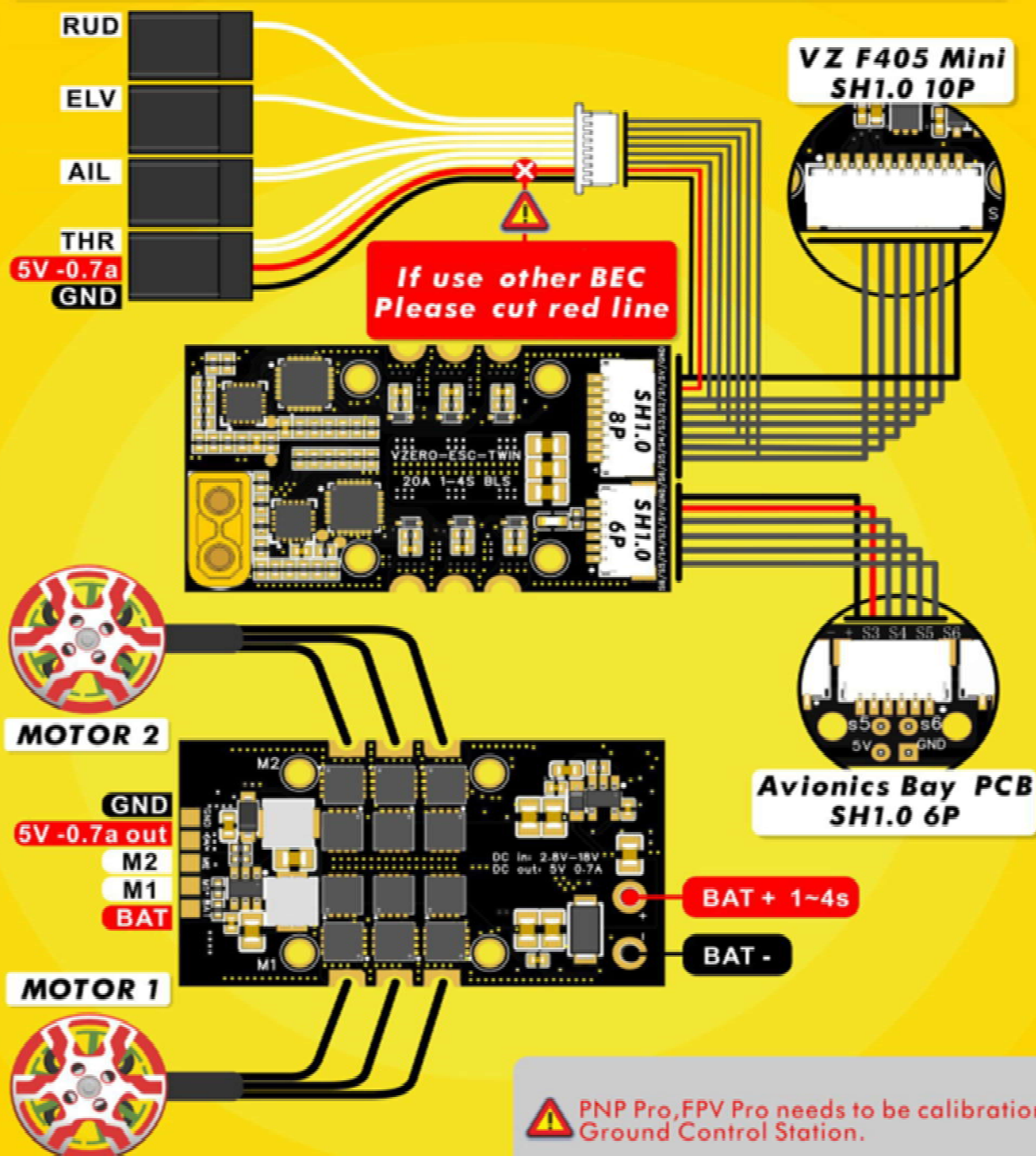
ESC Info & THR Calibration

VZ ESC Twin BLS 20A

New Gen 1s-4s lipo input ESC !

Input Voltage: 1-4S Lipo
Continue Current: 20A 2x
Burst Current: 30A 2x (10s)

Build in BEC: 5V-0.7A
Protocol: PWM/Dshot
Install hole: 16x16mm(m2)



PNP Pro, FPV Pro needs to be calibration in Ground Control Station.

1. Safety detection: The ESC has a safety detection function. When the throttle signal is not at the lowest position, the ESC output will not activate.
2. Throttle Calibration: Ensure the propeller is removed. Push the throttle to the highest position and power on. After hearing two beeps, quickly pull the throttle back to the lowest position. Wait for the ESC self-check to complete, and the throttle calibration will be successful. You can repeat this process as many times as necessary.