Drone 조립

An **Unmanned aerial vehicle** (UAV) is a Unmanned Aerial Vehicle. UAVs include both autonomous (means they can do it alone) drones and remotely piloted vehicles (RPVs). A UAV is capable of controlled, sustained level flight and is powered by a jet, reciprocating, or electric engine.

Drone 구성 부품

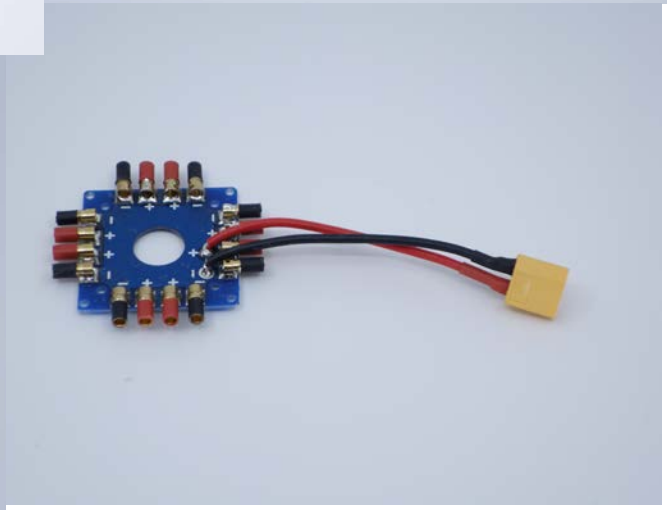
완성 외관

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

구성 부품 1

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

구성 부품 2



프레임

하판

상판

Drone 조립

하판 레그

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

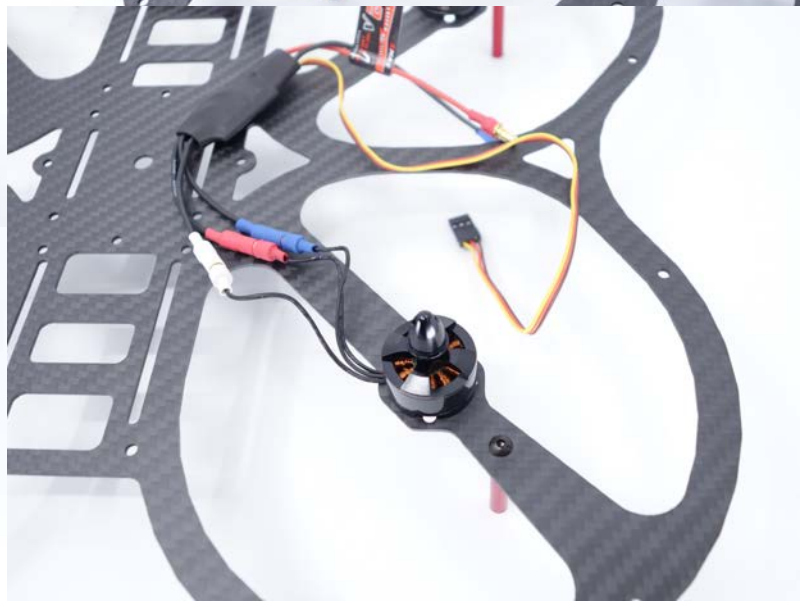
모터 장착

모터 색상을 대칭으로

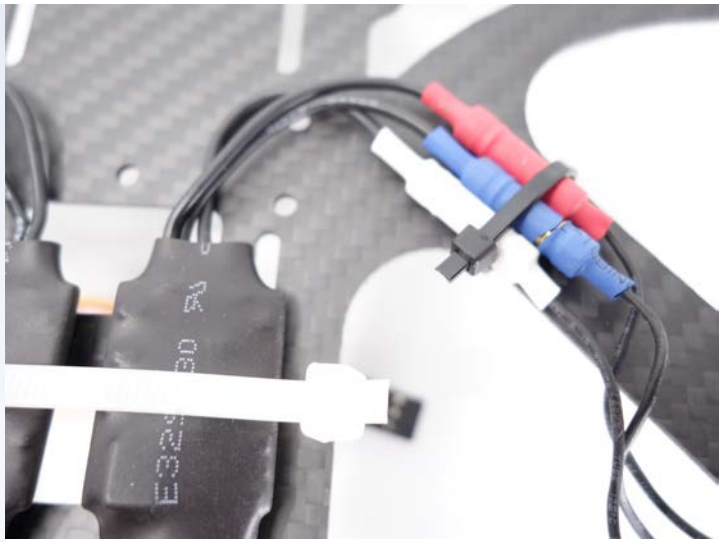
중심을 잘 맞추기

ESC 결선

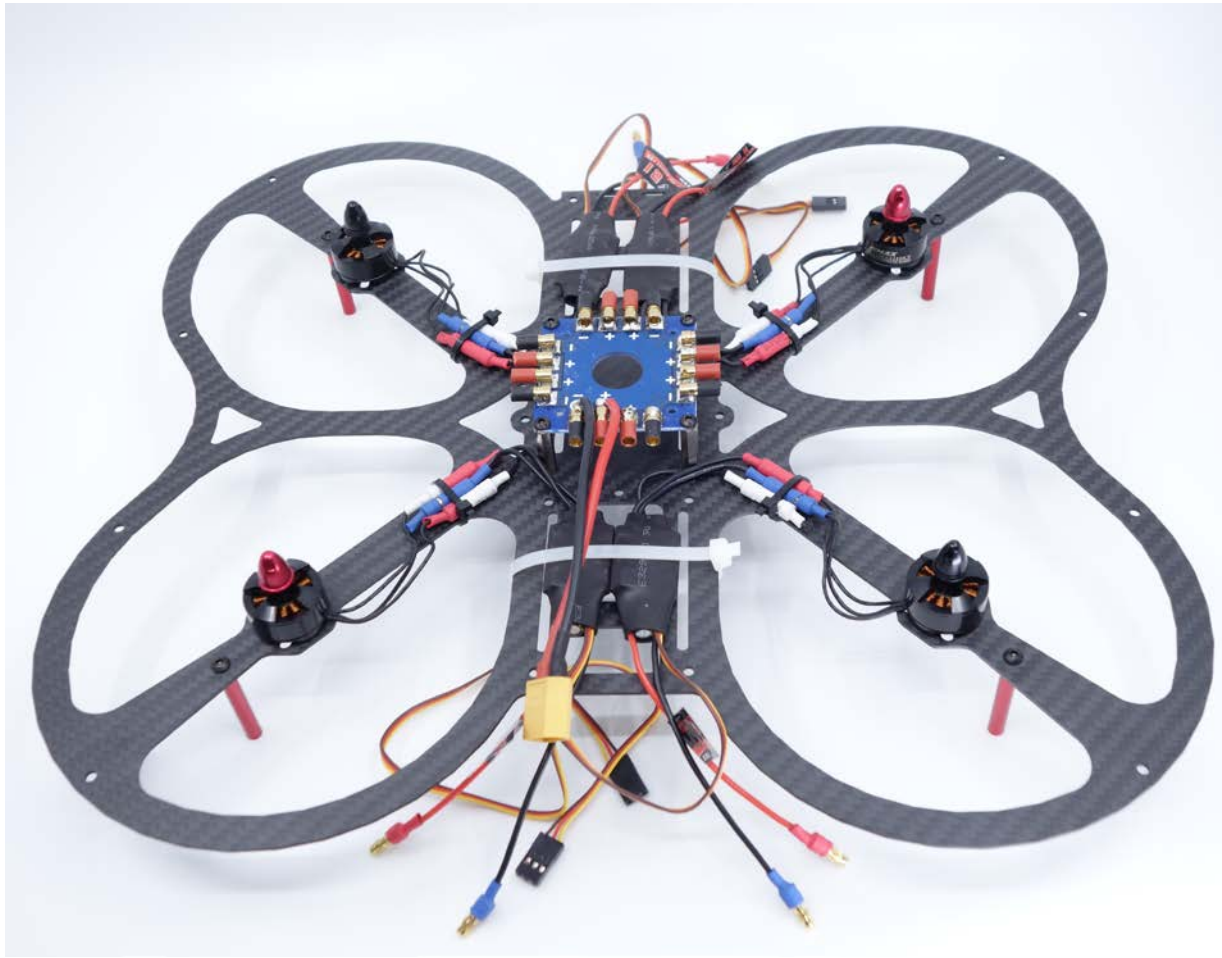
RED 모터는 선을 교차로

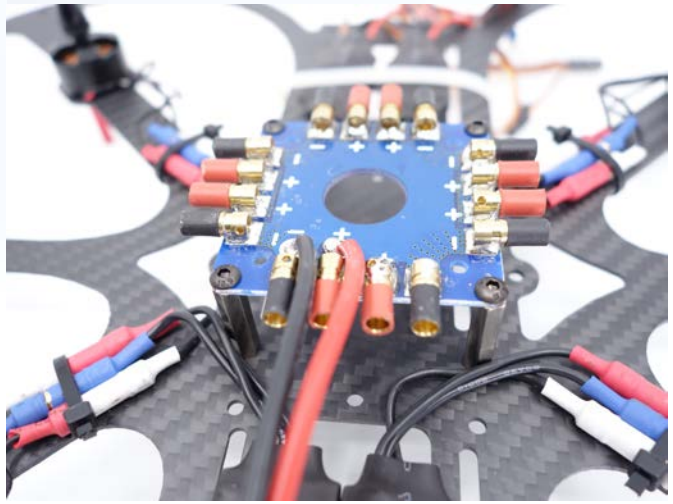


배선정리



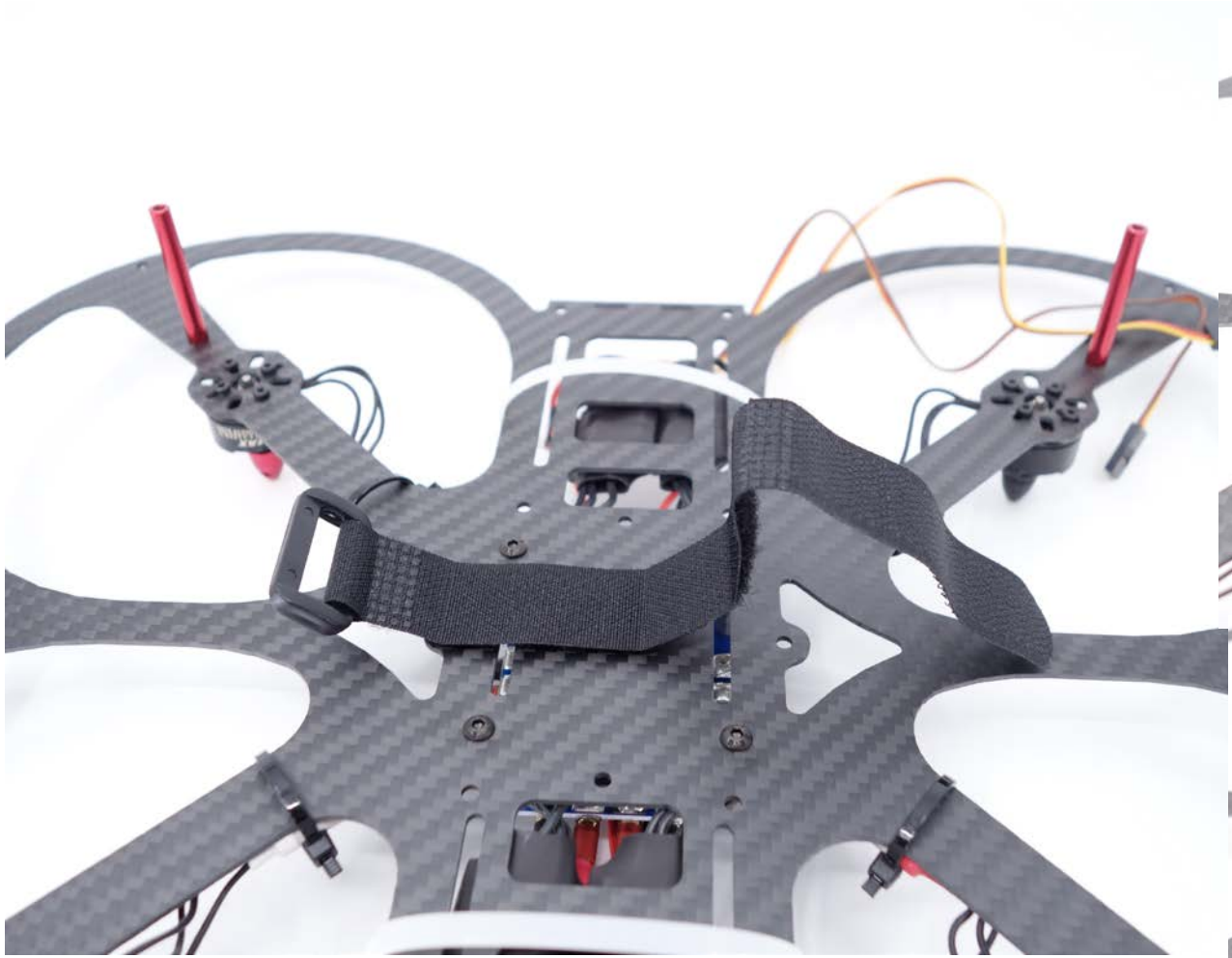
전원 분배 보드 장착

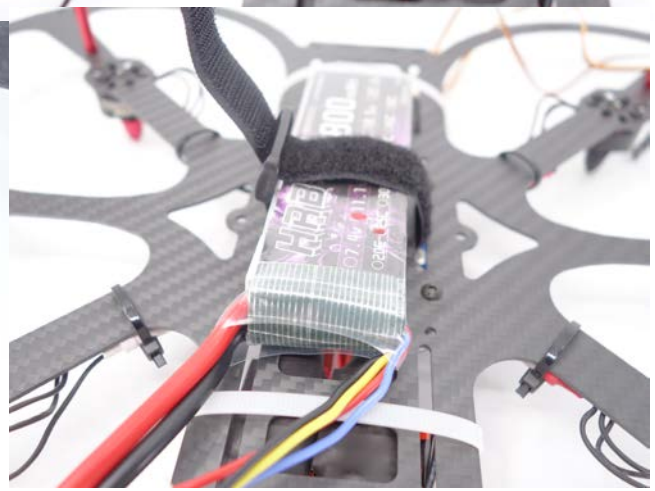




전원 모듈 부착

배터리 벨트 장착





SEOULTECH

상판 하판 결합

FC 방진 마운트 조립

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

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FC 방진 마운트 부착

FC와 수신기 결선

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

FC 장착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

양면 테이프 이용

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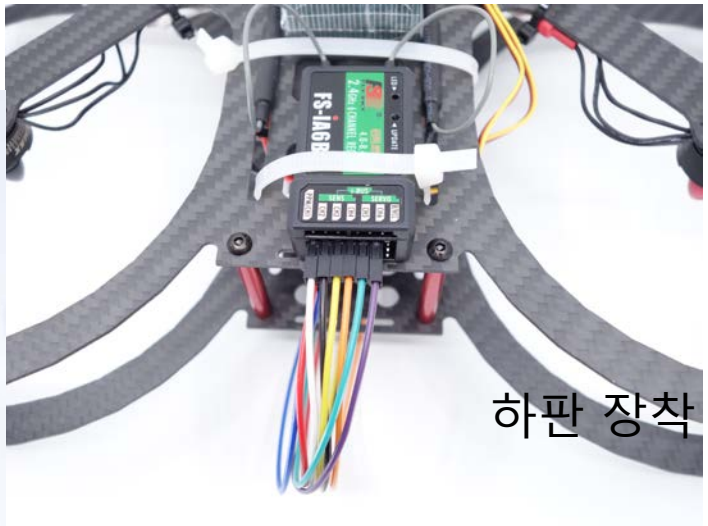
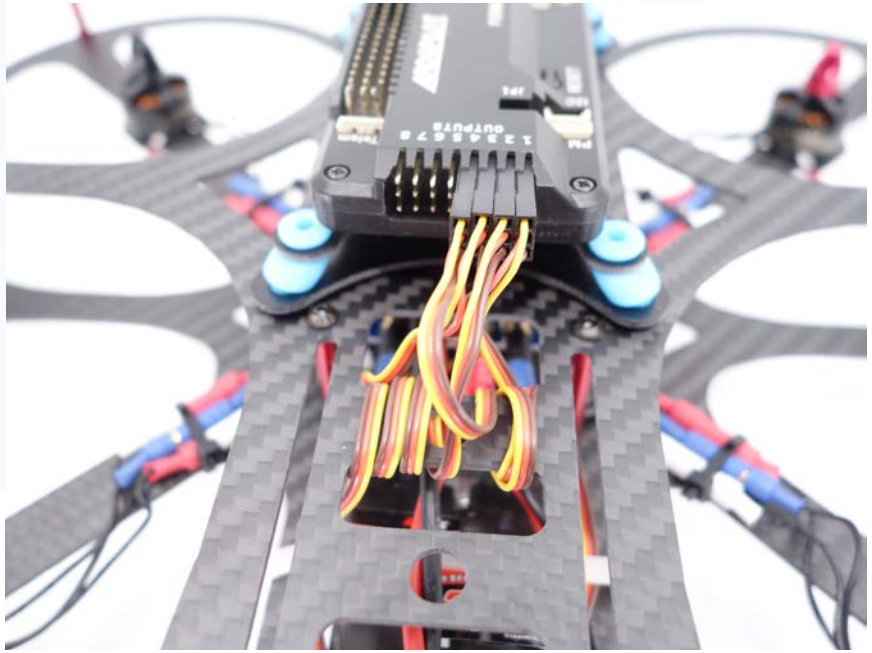
수신기 및 ESC 신호선

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



하판 장착



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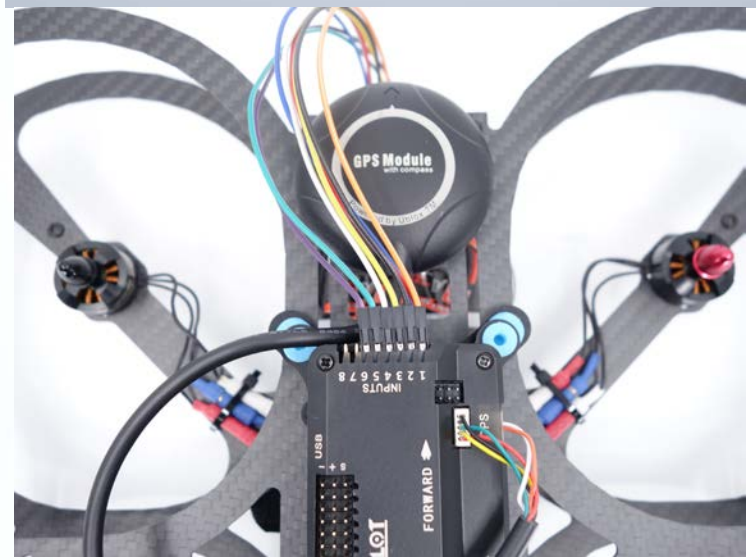
GPS 부착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



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프로펠어 장착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.

빨강 모터 → 반시계 방향 프로펠러 (5030L)

검정 모터 → 시계 방향 프로펠러 (5030R)

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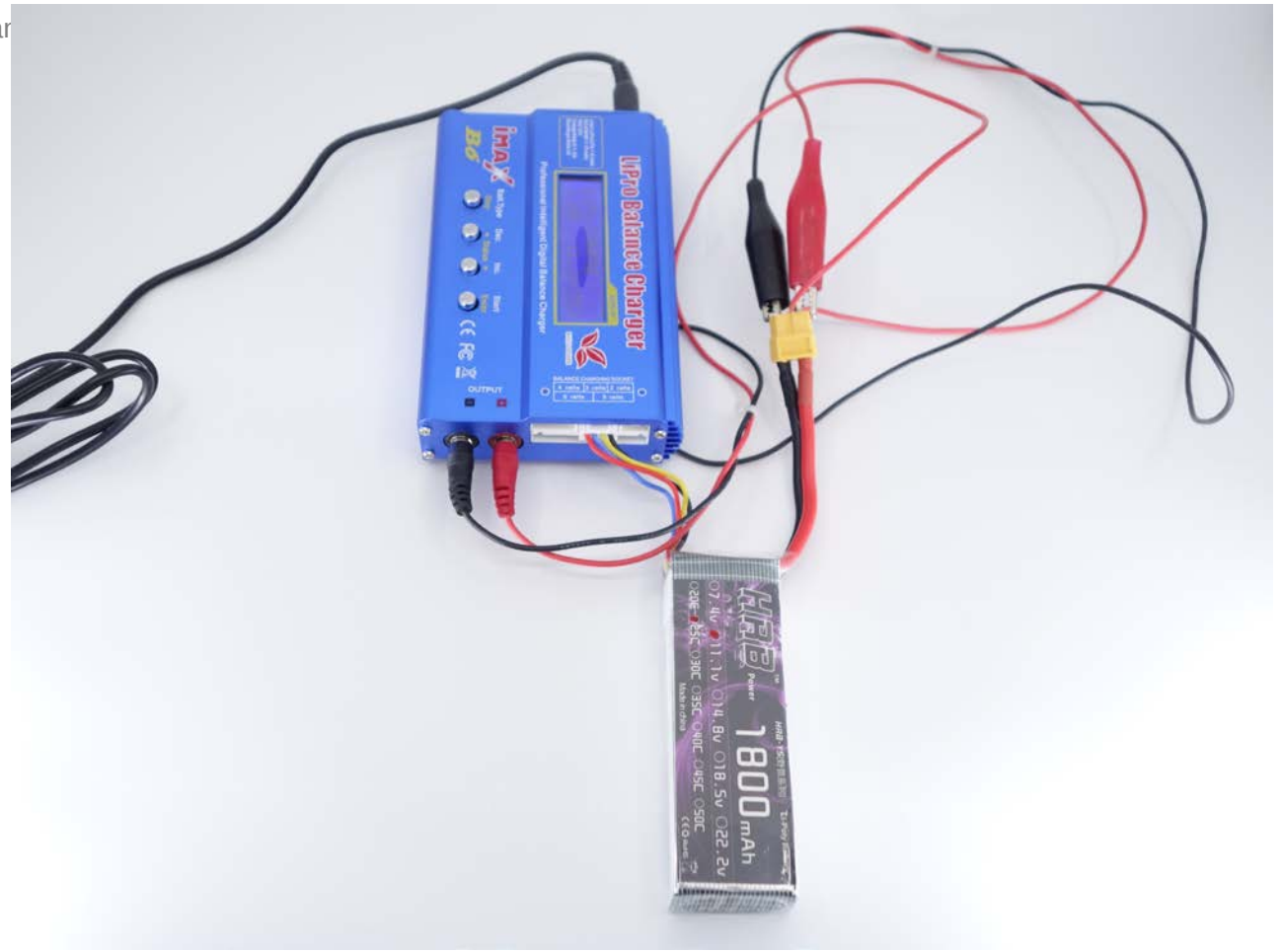
완성

배터리 충전

Li-Po 배터리 충전



1. 극성에 주의 (빨강 +, 검정 -)
2. Balance Connector를 꼭 사용
3. Li-po 3S, 11.1V를 메뉴로 설정 해야 함.

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THANK YOU

Powerpoint is a complete presentation graphic package it gives you everything you need to produce a professional-looking presentation