XRotor 15A

Brushless Electronic Speed Controller for Multi-Rotor

The Best ESC of 250/300 Level Multi-Rotors

When comparing to regular 12A &10A QAV ESCs, the XRotor-15A ESC's current endurance is improved by 25% to 50%. There won't be any problem to pair it with 1806 size motor & 2204 size motor. They will provide high power for 250/300 level multi-rotors.

Highly Intelligent

Highly intelligent and adaptive default settings meet almost all applications. The ESC is extremely easy to use.

DEO (Driving Efficiency Optimization)

The XRotor-15A ESC adopted the DEO technology which has multiple advantages:

- Active braking. When reducing the throttle amount, the motor will decelerate very quickly. This feature enables pilot to more easily perform all maneuvers like sharp turns, altitude rapid changes, and sudden braking.
- Higher driving efficiency, longer flight time.
- Lower ESC temperature.

* Different companies call this technology by different names; "SimonK" calls it "Comp_PWM", "BLHeli" calls it "Dampaning-light" and Kontronik calls it "Active Freewheeling".

OneShot Mode Supported

Besides regular throttle signals with a refresh rate below 500Hz, the XRotor-15A ESC also supports OneShot mode throttle signals. In this mode, the communication between the flight controller and ESC becomes more agile, the throttle linearity is better, and the response speed is much faster.

Twisted-Pair Signal Cable Reduces Interference

The twisted-pair throttle signal cable effectively reduces interference produced in signal transmission and makes the flight much more stable and reliable.

Con. Current	Peak Current(10s)	BEC	LiPo	Programmable item (Not Accessible in "One Shot" Mode)	Weight	Size	Applications (For reference)
15A	20A	No	2-3S	Timing (Medium/High)	10.5g	47x17x8.3 mm	250/300 Class (Multi-rotors)