



Introducing the ALTA Pro Line of Multirotor Drones

The Freefly ALTA set the bar as the world's most capable and dependable cinema drone. It's blend of extreme performance and ease of use made it the cinema industry's go-to workhorse.

ALTA Pro is the next generation in the ALTA lineup. We've added waypoint technology to allow preprogrammed movements and autopilot functionality. Alta Pro features a more powerful flight controller running the renowned, capable, and open PX4 flight stack. This gives users the ability to fly complex autonomous waypoint missions using Qgroundcontrol, or control the ALTA directly using Dronecode SDK or Mavlink.

ALTA Pro is designed and manufactured at Freefly headquarters in Woodinville, WA and our engineering and support team is available to ensure your success.

PERFORMANCE

- Qgroundcontrol mission planner with included long range 900mhz telemetry radio
- Advanced, high-bandwidth position hold offering unprecedented precision, repeatability, and stability
- Capable of 20lbs payloads
- Silent drive technology; low noise and precise, efficient, closed loop control of the propeller
- Carbon fiber 18-inch folding props
- Proven CineStar/ALTA performance, reliability, and robustness
- User-definable LED lights for max pilot visibility and control
- High-speed data logging
- Optimized, lightweight motors
- Incredible efficiency (Watt/Gram)
- Pixhawk-based mission autopilot

USABILITY

- Integrates with wide variety of drone software via Mavlink protocol
- Flexible ground control module compatible with Mac, PC, Android, iOS
- WiFi connectivity for short range mission planning via tablet or phone
- Open source communications protocol (Mavlink) with existing community support
- Full power of PX4 flight controller architecture:
Alta has all the features of a modern drone: waypoints, autonomy, telemetry/C2, autoland, etc.
- Folding booms; folds flat with no tools
- Integrated gimbal with payload quick release on top and bottom of aircraft
- Toolless conversion between top and bottom mounted payload
- Packs in custom Pelican (included) and goes from case to flying in under 2 minutes
- Integrated handle for easy ground handling, hiking, and transporting
- Custom backpack for backcountry use available
- Pre-programmed and flight tested
- Compatible with Futaba, Graupner, Spektrum radios

SAFETY

- Dual Flight Packs
- Extensive data logging and review utilities to ensure system performance over time
- Redundant motor control signals
- Auto RTH / Land
- Integrated and customizable LEDs for orientation
- Sensors alert pilot to mechanical issues with machine (prop balance, motor damage, etc)
- Critical electrical components mounted weather resistant shell
- All PCBs conformal coated for max durability and weather resistance