Auterion

Auterion Enterprise Bundle
Freefly Astro

The toughest multi-use enterprise drone solution made in the U.S. for utility, telco, infrastructure companies, drone service providers and first responders.

Rugged, flexible, simple

The Astro, engineered by Freefly and powered by Auterion, is a rugged workhorse for professional and industrial drone operators. It's flexible, simple to use, compatible with open standards, and connected with enterprise workflows.

Benefits

Connected and extendable

With the Auterion SDK you can deploy your own app on the drone and connect it to existing workflows.

Built for automation

Automate processes with remote operations and cloud connectivity.

Hassle free

With automatic flight logging, pilot and asset management in the cloud, unnecessary flight admin is eliminated.

Rugged and proudly made in the U.S.

With thousands of tested in-flight hours, Freefly drones have a reputation as the industry's toughest drones.

Inspection and mapping

- Offline and online mission planning
- Real-time video stream to off-site experts
- Seamless integration into partner apps
- Fleet monitoring with predictive maintenance in the cloud
- Operations dashboard for compliance reports of pilot operations
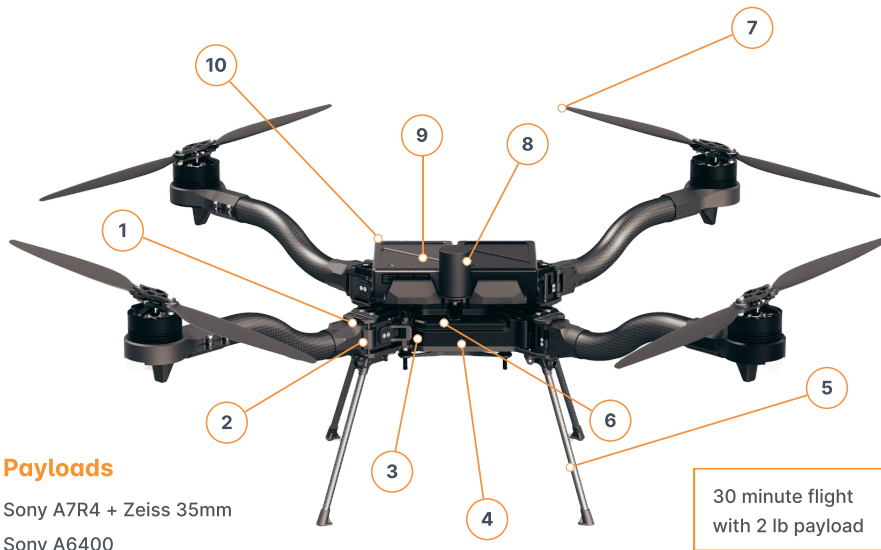
SAR and first responders

- Over-the-air ground station pairing for immediate takeoff
- Ready for dual camera view for visual and thermal imagery
- Real-time video streaming over LTE (teleoperation)
- Remote coordination of units in the field and teams on duty
- Pilot compliance reports

Cargo and delivery

- Offline and online flight planning including rally points
- Airspace and UTM information
- Operations dashboard for a complete flight log of every delivery
- Fleet monitoring with predictive maintenance
- Integration into logistics backend with API and SDK

Vehicle specs

Payloads

Sony A7R4 + Zeiss 35mm

Sony A6400

30 minute flight
with 2 lb payload

Key features

1. Adjustable vibration isolation included
2. Long range data link
3. 4 lb max payload
4. Quick release mounting system
5. Folding landing gear
6. Integrated 3 axis gimbal with open API allowing control and telemetry
7. 21 inch blades with folding props
8. Weather sealed
9. Ready for RTK
10. Flies on just 2 batteries

About Freefly

Founded in 2013, Freefly produces high-performance tools for demanding applications.
With thousands of tested in-flight hours, Freefly drones have a reputation as the industry's toughest drones.
Each and every vehicle endures a barrage of component and system-level tests designed to weed out items that do not meet strict quality control levels.

FREEFLY

Software features

Ground station

Plan and execute autonomous missions and get live telepresence with Mission Control, Auterion's powerful, intuitive ground control software.

Cloud connectivity

Upload flight logs near real-time, manage your fleet, and download pilot compliance reports from Auterion Suite.
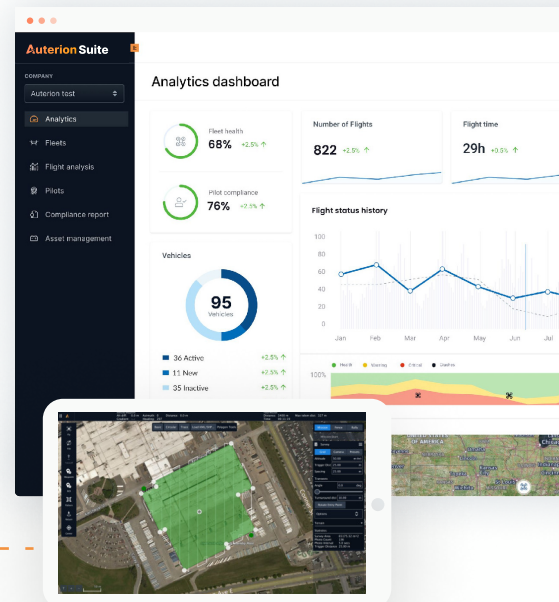
Open industry standards

Built on top of best practices like Pixhawk (autopilot, payload, battery), MAVLink, and MAVSDK.

Seamless integration into partner apps

Leverage the full control of partner apps with control handover from Mission Control to their apps for specific use cases.

SDK

Deploy your apps on the drone and integrate drone control in your own apps.

Auterion is the largest open source drone software company and supplier of an enterprise operating system for drones, based on the PX4 autopilot software. **www.auterion.com**