

FIXAR Equips Outdoor UAVs with BlackBox System



Since September, FIXAR has been equipping all its outdoor drones with the additional FIXAR BlackBox system for UAV flight data logging, enabling an increase in traceability and accountability of the aircraft and contributing to safer air traffic.

The FIXAR BlackBox is an extended feature that allows the system to record complete and detailed information of

onboard flight activities and parameters. It is an advanced logging system capable of recording and storing information of settings, missions, sensor data, user commands, automatic control and payload information.

Increasing safety with detailed data

The FIXAR BlackBox consists of a lightweight separate module that records all flight data into technical logs and LogExport software to process these logs for user purposes. This feature allows the geotagging to be available to operators at any time, even if the drone is powered off. The drone user or any other party is not able to interfere or modify the logged data, and data extraction from the device is performed wirelessly for an effortless process.

The main objective of the BlackBox is to increase safety by providing detailed data for mission analysis, identify faults in case of the incidents and contribute to more efficient monitoring, problem-solving and overall UAV industry security and development.

“The number of unmanned aircrafts filling the sky is increasing and highlighting the necessity for safe and reliable solutions to trace and keep the vehicles accountable. The BlackBox is the answer – data logs of the device serve as a main source of expertise in the event of an incident and allows storage and analysis of the statistics of flight and fault tolerance often requested by the regulators,” said Vasily Lukashov, founder and CEO of [FIXAR](#).

Back-up system

Apart from the main objective to offer additional safety and flight data storage tasks, the BlackBox is a valuable and practical back-up system for the data collected by the payload – laser scanner, video or photo camera. The metadata of the mission can be exported using LogExport software with no data loss.



FIXAR equips all its outdoor UAVs with the BlackBox system.