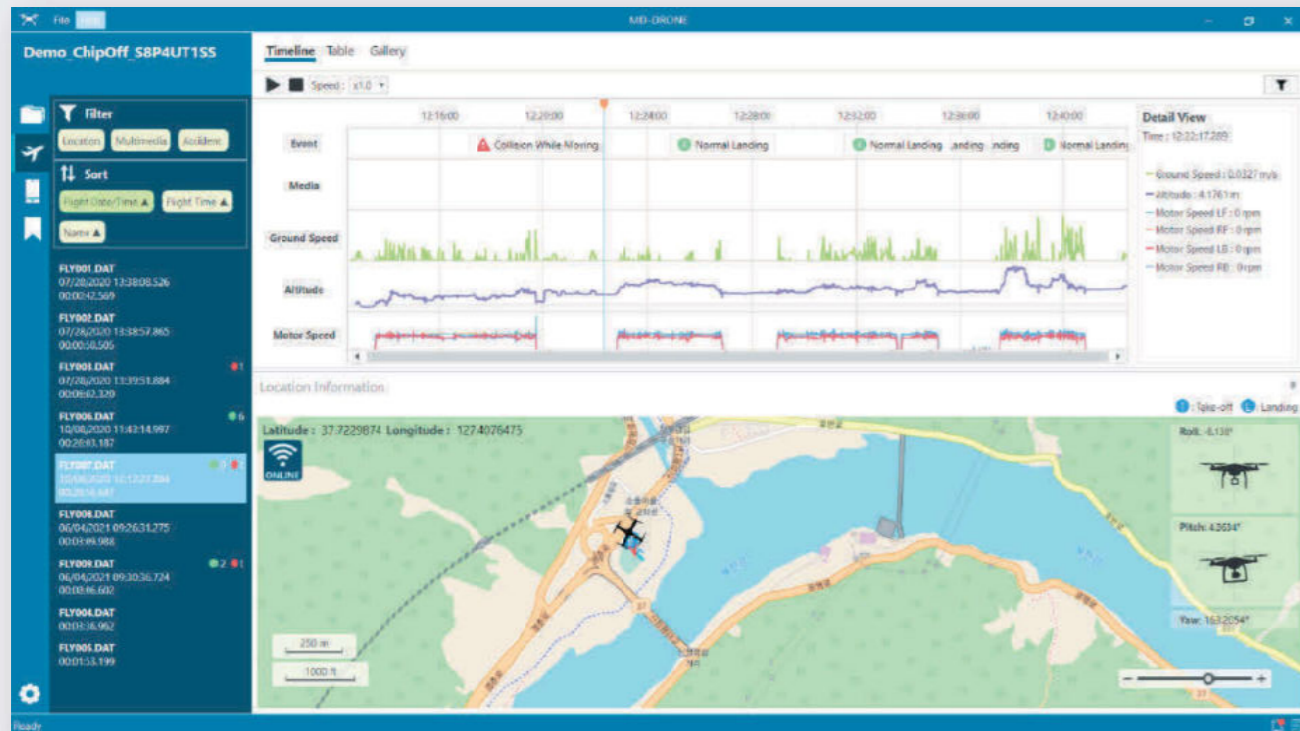


MD-DRONE

Drone(UAVs) Data Extraction and AI-based Flight data Analysis Tool

MD-DRONE is a drone forensic software for extracting and analyzing data from various data sources of UAV/Drone from of global manufacturers such as DJI, Parrot etc. Timeline-based flight parameter values(speed, altitude, value of each motor, etc.) can be viewed in graphical & tabular formats. Moreover, ML/AI-based drone accident or abnormal landing analysis feature is available.



System Requirements

OS	Windows 8/10 (64 bit)
CPU	i5 or above
RAM	8GB or above
HDD	1TB or above
Display	1200 x 700 or above
USB	2 or more USB 2.0/3.0/3.1 ports
	Microsoft .Net Framework 4.6.2

Product Components

MD-DRONE Installation Software (USB/Online)
USB Dongle Key 1EA
Warranty 1 Year

Product Specification

Various Extraction methods for wide range of Drone

- Extraction through the drone USB connection
- Extraction through the network connection (WIFI)
- Extraction from SD card
- Chip-off extraction (Requires chip socket + chip reader)
- Drone App data can be extracted with MD-NEXT and exported with MD-RED
- Provides an extraction guide for each method



Timeline-based Integrated Flight data Analysis

- Timeline-based flight parameter values (speed, altitude, value of each motor, etc.) can be viewed in graphical & tabular formats
- Selective evidence data according to the flight time
- Check the drone's position and posture (Yaw, Roll, Pitch) information on the timeline
- Integrated view of flight path history and media data
- Playback and reconstruct flight history
- Preview of the selected media file in the timeline chart

Deep analysis of flight data by AI and machine learning

- Learning of accidental or abnormal flight log data
- Find out the collision, battery exhaustion, normal landing, and abnormal flight position/time

Detail flight data view and selection

- Check the detailed values of the flight log
- Classify meaningful flight log values such as altitude, ground speed, battery, and signal strength and display in different colors on the map
- Tabular view of GPS-based drone track, latitude, longitude and movement history
- Check the drone position value by time
- Sorting flight data in time order
- Intuitive drone movement check through table view
- Detailed values of the flight log in the table and visualization on the map

Multimedia Gallery

- Check the multimedia (video, photo) file with the corresponding time information in the flight record
- Check the Information such as the path, creation date, and size of the saved multimedia file
- Intuitive analysis through the preview
- Filter & Sorting of the flight logs by multimedia file, Location, Date & Time, Log file name etc. by path, creation date, and size

Bookmark

- Supports bookmark feature for flight time range, image and video

Notification Alarm

- Displays and saves important notifications during extraction and analysis while using MD-DRONE

Reporting

- Supports exporting of reports in PDF format based on the bookmarked content
- Supports exporting of each manufacturer's flight log glossary in csv format

**Contact us for more detailed product spec information.*