



Data Recorder For:



Peripherals > Data Recorder

# FDR01 - Flight Data Recorder

The Flight Data Recorder (FDR) is designed to be installed onboard manned and unmanned aerial, terrestrial or maritime platforms in order to record all data from the aircraft.

## Key Features:

Capture High Rate of Sensor Data



Save All Data without GCS Comms



Suitable for Manned and Unmanned Aerial, Terrestrial and Maritime Vehicles



High Memory Space



Rugged and Compact Design with Small Footprint

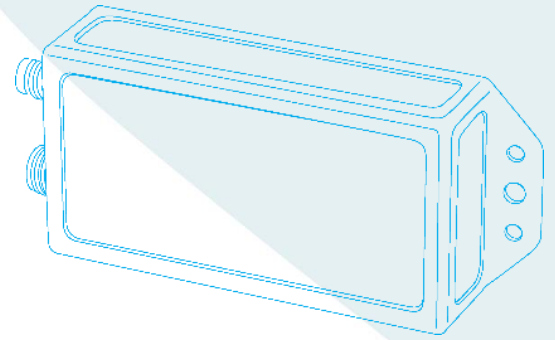


Intuitive Web Interface



## Functions:

- 64 GB memory for data circular buffer (4000+ hours of data recording for standard UAV Navigation-Grupo Oesía telemetry).
- SD card is soldered on the board so it is more resistant to vibration than removable SD cards.
- Intelligent file management differentiating data from separate sessions.
- Web interface for easy access management and download of the data logs.
- Mounting holes and cabling kit for easy integration.
- Robust and compact design.
- Asynchronous RS-232 recording at 115,200 bps.



## Technical Specs:

ELECTRICAL AND GNSS	
<b>Voltage Supply</b>	9V - 36V DC
<b>Power consumption</b>	1.3W
MECHANICAL / ENVIRONMENTAL	
<b>Size (mm, H x W x L)</b>	21.5 x 43.0 x 102.0
<b>Weight</b>	70g
<b>Industrial Temperature Range</b>	-40°C to +85°C
<b>Data Logging Connector</b>	BINDER 6P 09-3423-82-06
<b>Service Connector</b>	BINDER 6P 09-3422-82-06
<b>Storage</b>	Internal Memory: 64GB SD memory
<b>IP Rating</b>	Designed to conform with IP66
<b>Humidity</b>	Up to 90% RH, non-condensing
<b>LED Indication</b>	blue/orange/purple for easy status report
I/O	
<b>Serial Comm</b>	RS-232 (Recording at a baud rate of 115,200 bps)
<b>Ethernet Port</b>	For recorded data download (via web interface)



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