

ELECTRONICS & DEFENSE



# CVFDR

COCKPIT VOICE  
& FLIGHT DATA RECORDER

CASSIOPÉE

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## Cockpit Voice & Flight Data Recorder

The CVFDR is a crash protected cockpit voice and flight data recorder, which provide a highly reliable recording solution for helicopter equipped with an HELICOM V2+.

Produced in compliance with the EUROCAE ED 155 (Minimum Operational Performance Specification for Lightweight Flight Recording Systems), the CVFDR has been built and successfully tested to resist to impact, static crush and high temperature fire.

The CVFDR is designed to ensure retrieval of data even in the event of a crash.

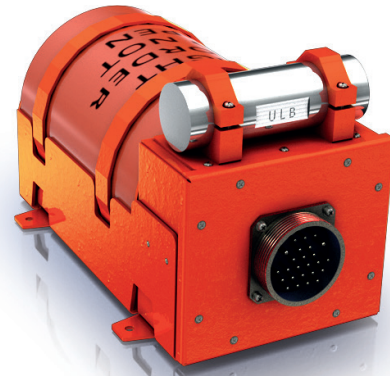
Survivability requirement	CVR/FDR
Impact	1000 G, 5ms, all axes
Static crush	1000 lbs, 5 min, all axes
High temperature fire	1 100 °C, 15 min
Sea water immersion	90 days

### HOW DOES IT WORK?

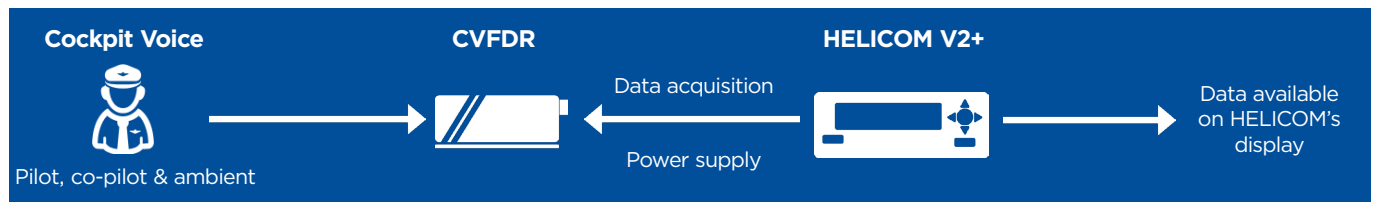
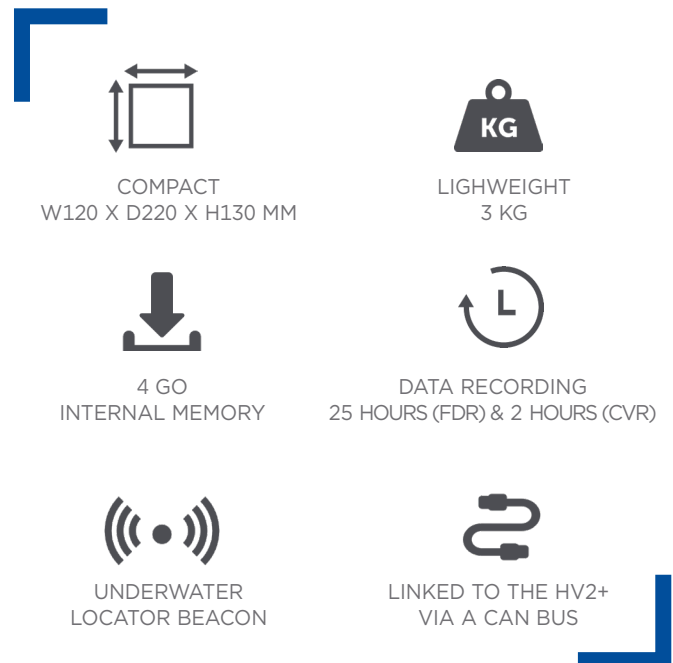
The CVFDR acquires data through the HELICOM V2+ which is also used as a power supply. The flight recorder is able to acquire 25 hours of data and 2 hours of audio and records all the data during the flight. The data recorded by the CVFDR are accessible via the HELICOM's display.

### Three different modes of operation

- **CONFIGURATION:** access during the first 10s after the helicopter has been switched on, for microphone configuration
- **RECORDING:** data are recorded till the helicopter has been switched off
- **READING:** all the CVFDR's data are available through the HELICOM V2+



The flight recorder is available as a single FDR or fully integrate as a CVFDR with Underwater Locator Beacon.



**PUT YOUR FLIGHT DATA TO WORK!**

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