HENSOLDT SferiRec LCR 100

For operators and OEMs requiring reliable cockpit flight data.

System Overview & Benefits

- One of the world's lightest certified crash recorders, weighing just 1.0 kg
- All-in-one solution combining cockpit voice, flight data, cockpit image and crash-protected memory
- Fast installation and easy retrofit
- Enables training, debriefing, smart maintenance and accident investigation

Design & Key Features

- Cockpit Voice Recording (CVR): ≥ 2 hours
- Flight Data Recording (FDR): ≥ 25 hours
- Cockpit Image Recording (CIR): ≥ 2 hours
- Full HD video (1080p) with configurable frame rate (1–60 fps, typical 4 fps)
- Integrated sensors:
  - Area microphone
  - 3-axis gyroscope and g-sensor
  - Air pressure & temperature sensors
  - GPS receiver and real-time clock

Certifications

- Crash Protected Memory (CPM) exceeds ED-155 requirements
- Fire-, impact-, crash- and deep-sea-resistant (up to 6,000 m)
- EASA (E)TSO-2C197 certified, compliant with ICAO Annex 6 and SC-VTOL requirements

RAS ENGINEERING

EASA certified Part 21J Design Organisation

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