

DVR

Digital Video Recorder For Hawk 100/200

Made In Indonesia 



A sophisticated avionic instrument designed for Hawk 100/200 aircraft to record camera-HUD video or radar video, and audio (pilot's conversation and aircraft audio warning) in digital format.

DVR Hawk 100/200 has passed airworthiness certification by IDAA (*Indonesian Defence Airworthiness Authority*) from Ministry of Defence of the Republic of Indonesia.

SPECIFICATIONS

Aircraft Type	
Type	: Hawk 100/200
Physical Data	
Length	: 214 mm
Width	: 152 mm
Height	: 146 mm
Weight	: 3.77 Kg
Power	
Power Supply	: 28 VDC
Power Consumption	: 15 Watt
Video Input	
Analog Input	: Composite, SDI and S-Video (Y/C)
Levels	: 1.0Vp-p, 75 ohms
Standard	: 625/50 (PAL)
Audio Specification	
Input Voltage	: 1 VRMS nominal
Input Impedance	: 35k ohms
Channel	: 2 line or microphone in, 2 out
Storage	
Duration Recording	: 11 hours
Environment	
Temperature	: -20°C to +80°C (operation) : -40°C to +85°C (storage)
Vibration	: 6 g

FEATURES:

1. Plug-and-play.

DVR is designed based on available equipment in Hawk 100/200 aircraft. We identified critical measurement, connectors and available wiring on aircraft to omit other equipment modification.

2. Flight Debriefing

The recording data of DVR can be used for debriefing of pilot student of Hawk (trainer aircraft) every post-training.

3. Accident Analyzer

As an evidence to analyze situation during accident.

4. Long Duration Recording.

DVR is capable to record up to 11 hours of flight data.

5. Playback.

DVR is able to playback the recording data of HUD and radar videos separately.

6. Portable Player.

A Windows® based application with minimum hardware requirement is supplied for playback needs.

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