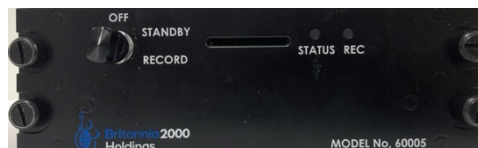


## 60005 Airborne Video Recorder *SD/HD SDI DVR using SD media*

### Features

- Small robust DVR
- Suitable for mission archive
- Replay SD media on commercial software
- SDI input
- Excellent quality recording
- Loop through
- Audio recording
- MS25212 Military Rack fit
- 28v power (12v available)
- Low power consumption
- 1 simple user control
- NVIS B compliant
- Low power consumption
- Remote record input



The 60005 DVR is the latest of a long line of airborne DVRs spanning 30 years.

It fulfils a requirement for a robust, compact, easy to operate, cost effective mission or archive video recorder with removeable media.

The DVR can be set to automatically record the SDI video from a turret as soon as power is applied. It provide continuous video/audio recording throughout the mission - independent from any other DVRs in an existing system in use by the operator.

A remote record functions enables an operator to initiate recording from the Britannia range of displays.

The DVR has a single simple rotary switch to select Off/Standby/Record. NVIS B LEDs indicate RECORD and Status.

The DVR accepts virtually all SDI video formats up to HD/3G and has loop through for connection to other equipment and optionally encode and stream the input video to other devices.

Removeable SD media with a maximum capacity of 256Gb enables replay after the mission using commercially available software. The factory default for the H264 encoding is high quality which is 10mb/sec. It can be set higher - up to 25mb/sec or lower - at the factory if required. The DVR also supports network video storage on an external drive.

Stereo audio is also recorded, either as part of the SDI stream or via external line connection.

To integrate to legacy systems we are able to provide a range of converters to enable compatibility to the SDI input.

## Specification

### Signal

Video input	SDI BNC 0.8v p-p, ac coupled 75Ω
Video looping out	BNC SDI
Analog audio input	Line, LEMO 2B

### Format

Video Formats	HD-SDI(1.485Gbps), 3G-SDI(2.97Gbps) 1080p23.98/24/25/29.97/30 1080p50/59.94/60 1080i50/59.94/60 720p23.98/24/25/29.97/30 720p50/59.94/60, 576i, 480i 525i(480i)/ 625i(575i)
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### Encoding

H264 default setting 10Mb/s (256Kb-25Mb/s factory fit options)

### Power

Input	28v nominal, 5w (12vdc factory option available)
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### Environmental

Operational	-20°C to +60°C (low temperature option available)
Relative humidity	20 ~90% RH(non-condensing)
Shock and Vibration	Designed to meet RTCO 160G

### Physical

Size	MS25212 rack, 146mm(w) x 38mm(h) x 160mm(d)
Weight	750g

### Ordering Information

60005-01	Standard DVR
60005-02	Low Temperature option (-35°C) with internal heaters
60005-03	User defined encoding rate
60005-04	12vdc option
60005-11	Connector kit (cable connectors for Video (BNC) Power (LEMO), Remote (LEMO), Audio (LEMO))