

Airborne Digital Video Recorder

Features

- Record 2 channels of HD-SDI and 1 channel of analogue video simultaneously
- Record 2 channels of audio
- Capture KLV MISB/STANAG 4609 compliant metadata
- Playback and review whilst recording
- Stream real-time video to mobile devices with built-in WiFi (inc. pause and rewind capabilities)
- Auto-record the hoist camera when on and auto-record the gimbal at skids-off
- Built-in video scaler, frame rate conversion, flexible encoding parameters
- Embed GMTI RADAR data, AIS, ADS-B etc. into transport streams
- NVIS compatible and backlit buttons
- DO-160 Qualified



In partnership with Britannia2000, Churchill Navigation's ION Digital Video Recorder offers simultaneous recording of 2 channels of HD-SDI video, 1 channel of analogue video, audio and metadata.

It's solid state system is simple to use, rugged and reliable. It features an intuitive user interface and full colour screen that shows the video being recorded. It also includes a record buffer that captures minutes of video prior to the record button being pressed, giving complete confidence

that the action is being captured.

The 3200-ION includes playback while recording, and built-in WiFi for real-time video streaming to tablets and other mobile devices. The video is recorded in H.264 to removable USB or SD media for easy transport and handoff.

It provides recording support for HD-SDI (720p, 1080i, 1080p) and Analogue (PAL, NTSC, RS-170, S-Video, Component).

The 3200-ION comes with 3 years warranty.



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TECHNICAL SPECIFICATIONS			
Front Connections	USB 3.0 x 2 SD Card x 2		
Rear Connections	<table border="1"> <tr> <td>SDI Input x 2 RS-232 x 5 Audio In x 2 GPIO x 2 Gigabit Ethernet x 1 Analogue Video Input x 1 ARINC 429 x 2IN, 1 OUT (Optional) 28 VDC Input, Panel Dimming</td> <td>SDI Input x 1 RS-422 x 2 Audio Out x 2 USB 3.0 x 2</td> </tr> </table>	SDI Input x 2 RS-232 x 5 Audio In x 2 GPIO x 2 Gigabit Ethernet x 1 Analogue Video Input x 1 ARINC 429 x 2IN, 1 OUT (Optional) 28 VDC Input, Panel Dimming	SDI Input x 1 RS-422 x 2 Audio Out x 2 USB 3.0 x 2
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Storage	Internal – to 1TB External – Continuous uninterrupted recording with Hot-Swap		
Weight	2.49 lbs / 1.13 kg		
Size	7" L x 5" W x 1.875" H / 177.8mm x 127mm x 47.6mm		
Includes a 3 year hardware warranty			



Please note: Data sheets are subject to change