ION - The Next Generation of Video Recording

- Built-in Display Lets You Record with Confidence
- Works with any Video Source or Camera
- Compact, Lightweight, and Easy to Use

Website: www.churchillnavigation.com   Email: erin@churchillnavigation.com   Phone: +1 720-943-4277
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The ION video recorder offers simultaneous recording of two channels of HD-SDI video, one channel of analog video, audio, and metadata. Need to record more video inputs? ION can be stacked for 4x, 8x, or an unlimited number of recording inputs.

ION’s solid state system is simple to use, rugged, and reliable. ION features a full color, multifunction screen that shows the video as it is recorded, giving you complete confidence that the action is being captured.

Video captured with ION is recorded to USB or SD media for incredibly easy transport and handoff.

+ ION FEATURES:

- Record two channels of HD-SDI and one channel of analog video simultaneously. Support for single channel, 3G-SDI recording (1080p60) comes standard. Output 3G-SDI video.
- See your video channels in real-time. Monitor recordings and review video on the device in real-time, even while recording.
- Never miss the action – ION’s configurable record buffer captures video prior to the record button being pressed.
- Know where your video was recorded: Capture KLV MISB/STANAG 4609 compliant metadata.
- Use inexpensive SD or USB memory to capture hours of HD quality video with metadata.
- Automatically trigger recordings based on events such as skids-off or hoist cam activation.
- With built-in video scalers, framerate conversion, plus flexible encoding parameters, ION is a great solution for any video problem.
- Embed GMTI RADAR data, AIS, ADS-B, etc. into transport streams.
- DO-160 qualified and NVG certified.

+ UNRIVALED SUPPORT AND WARRANTY

Each ION includes:
- 3 year hardware warranty
- 1 year money-back guarantee
- 24 hour warranty replacement (USA)
- No charge for support or updates

TECHNICAL SPECIFICATIONS

Front Connections:
- USB 3.0 x 2
- SD Card x 2

Rear Connections:
- HD-SDI Input x 2
- Single channel, 3G-SDI (1080p60) input supported
- Analog Video Input x 1
- HD-SDI Output x 1
- 3G-SDI (1080p60) output supported
- Gigabit Ethernet x 1
- RS-232 x 5
- Audio In x 2
- Audio Out x 2
- GPIO x 2
- USB 2.0 x 1
- ARINC 429 x 2 IN, 1 OUT (Optional)
- 28 VDC Input, Panel Dimming
- 28 VDC Input, Panel Dimming
- 28 VDC Input, Panel Dimming

Storage:
- External - Continuous uninterrupted recording with Hot-Swap

Weight:
- 2.6 Lbs / 1.22 Kg

Size:
- 7” L x 5” W x 1.875” H / 177.8 mm x 127 mm x 47.6 mm

Price:
- Starting at $9,500 for full multi-channel STANAG 4609/MISB DVR capability

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