

NEXT GENERATION VIDEO RECORDING

ION is a multipurpose geospatial video recorder that can be utilized for a wide range of land, sea and air missions. It offers simultaneous recording of multiple HD-SDI video channels, one channel of analog video, audio and metadata. With H.264 recording and playback in real-time, you get complete confidence in the content being recorded.



ION FEATURES

- Record two channels of HD-SDI and one channel of analog video simultaneously.
- 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.

BUILT-IN DISPLAY LETS YOU RECORD WITH CONFIDENCE



Featuring a full-color, night vision compliant display, ION provides more screen real estate than any other geospatial video recorder in its class. Its compact and rugged design means it can be used in a variety of locations, and its simple user interface allows for a wide range of applications.



UNRIValed SUPPORT AND WARRANTY

- 3-Year Hardware Warranty
- No Annual Fee for Support or Software Updates
- 24 Hour Warranty Replacement (USA)
- 1 Year Money-Back Guarantee

ION SPECIFICATIONS

FRONT CONNECTIONS

USB 3.0 (x2)
SD Card (x2)

REAR CONNECTIONS

HD-SDI Input (x2)
- Single channel, 3G-SDI (1080p60) input supported
Analog Video Input
HD-SDI Output
- 3G-SDI (1080p60) output supported
Gigabit Ethernet
RS-232 (x5)
RS-422 (x2)
Audio In (x2)
Audio Out (x2)
GPIO (x2)
USB 2.0
ARINC 429 (x2) IN, 1 Out (optional)
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

Manufacturer reserves the right to change specification to reflect improvements and or changes in technology at any time.