

AIRKNIGHT-HD



Aviation Industry Standard

The original AirKnight-HD is a compact rugged HD video recorder designed for harsh environment use. It records directly to removable media at resolutions upto 1080p60 (3G-SDI) with direct overlaid GNSS (GPS) and text fields. The AirKnight HD can store KML and GPX files for video analysis using Google Earth and other GPS and Video synchronization software.

"The Datatoys video system allowed Lockheed Martin to establish integrated sensor performance in actual flight tests by simultaneous recording of sensor video performance and the out of window situation that could be immediately compared on playback. This greatly impressed our customers and established that, real systems to overcome Degraded Visual Environments were possible, to enhance helicopter safety."

Kim Evans, Systems Engineer
Lockheed Martin

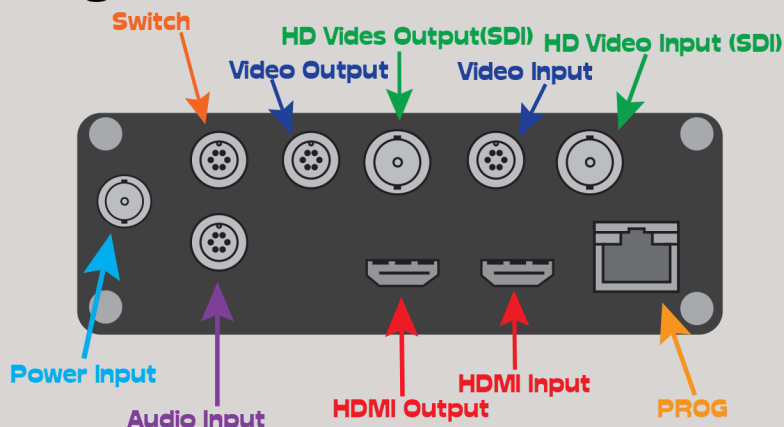
Applications

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|------------------|-------------------------|---------------------------|
| Mission Recon | Search and Rescue | Airborne Law Enforcement |
| Flight Training | UAV Surveillance | Flight Testing |
| Geospatial | Mission Debriefing | Aerial Firefighting |
| Waypoint Marking | Utility Line Inspection | Target Vector Acquisition |

Features

- Video standards from Composite CVBS NTSC/PAL to 1080p60 HD-SDI
- Self-contained Battery UPS for fail-safe file closure
- Ethernet and WiFi Streaming
- Multi-Unit synced wireless or wired recording up to 16 units with AIRDOCK
- Target Location δ -CLL with Datatoys AIRBYTE Xi
- Optional wireless triggers
- Optional NVG Mode switch

AirKnight-HD Base Connections



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TECHNOLOGIES

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