



**SKYQUEST**  
— AVIATION —

# Hard Disk Airborne Video Recorder VRDR-1000-01

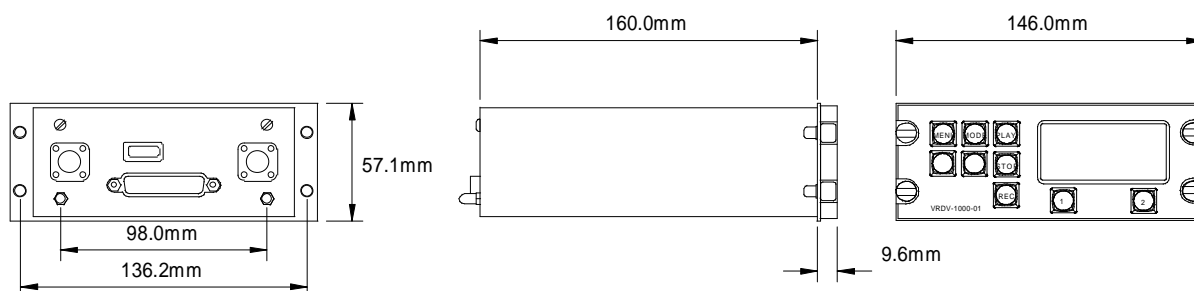
## PRODUCT DATA SHEET

The VRDV1000 hard disk video recorder is designed for recording high quality video to its integrated hard drive from any video source. The unit eliminates the need for carrying video tapes or the problems of storing video tapes after each mission.



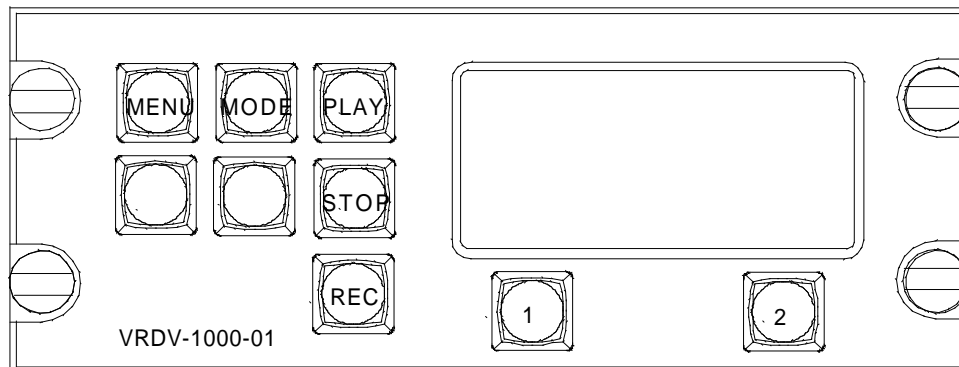
Data can be easily transferred to a computer for instant full quality playback with perfect freeze frame of any chosen video frame. The complete recording can also be stored onto conventional video tape.

- DZUS mounted - stand alone unit
- 4.5 hours of full DV or PAL/NTSC composite/component video recording
- Move video files to your computer editing 4x Faster than Real-time
- Works directly from composite PAL or NTSC video or S-video source, as well as digitally from any DV source.
- Fast Forward / Reverse, Pause and Single Frame Stepping controls on front facia
- Transfers Files Via IEEE 1394(FireWire , iLink)
- Insert Event Mark Capability During a mission greatly reduces post mission edit time
- Shock Protected
- Compatible with PC & Mac Non Linear Editing systems (NLE)
- 28V DC Aircraft supply
- Lightweight 800gm
- Download recorded video via front panel firewire connector or remove unit for direct connection to PC.



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Specifications subject to change without notice.



The VRDV-1000-01 offers a direct DV recorder pre-formatted internal hard-disk drive, which enables the system to function as an Hard disk drive (HDD) when connected to a computer or as a stand alone VTR, complete with front-panel controls for record, play, and pause. When used as a VTR, the unit accepts “start” and “stop” record commands automatically from the trigger/record signal in the DV stream or from manual front panel controls. During recording, DV video is processed as raw DV content into a proprietary file scheme that allows a virtually unlimited number of clips to be appended.

Operating in HDD mode, the DV recorder performs an almost instant conversion of raw DV content into an extended AVI format that can be imported into most Non Linear Editing systems (NLE) systems. NLEs configured with Final Cut Pro or Avid Xpress DV will recognize the recorder as an external hard drive. As a result, the video content is available instantly and ready for editing. Operators also may use the system for archiving purposes, recording to both tape and HDD simultaneously.

The VRDV-1000-01 is a full turnkey DV capture system, requiring no additional equipment .

A video processing card fitted internally to the unit enables users to connect composite or component video (PAL or NTSC) directly to the unit.

#### Audio Recording Ability:

- 2 channels 16 bits @48 kHz
- 2 channels 16 bits @44.1 kHz
- 4 channels 12 bits @32 kHz

#### Operates in VTR Emulation:

Front Panel Control of RECORD, PLAY, REWIND, FAST FORWARD, STOP

#### Operates as IEEE1394 HDD: FAT32

- Recording controlled by FireWire camera system, NLE or independently
- Drop Marks while recording: Tags video media files
- Non-Linear Edit systems control and interface
- Less than 2 seconds of lost footage in the case of power loss while recording