



DIGITAL RECORDERS

CATALOGUE 2010

powered by

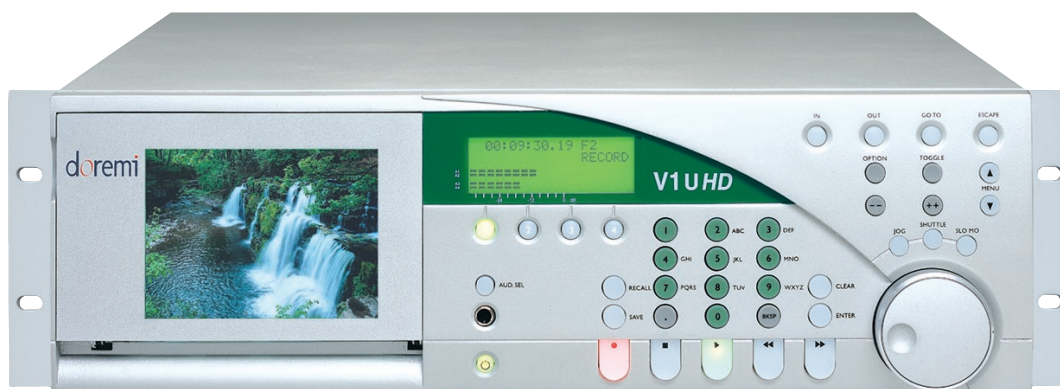


doremi[™]
cinema

V1-UHD

Uncompressed HD Video Disk Recorder

HD VTR Replacement | Uncompressed SD & HD Record and Playback
HD Video Player for High-Res Displays



V1-UHD high definition video disk recorder offers uncompressed 8 or 10 bit recording and playback in a compact stand alone package.

Record and playback uncompressed SD or HD video for applications where the image quality cannot be compromised.

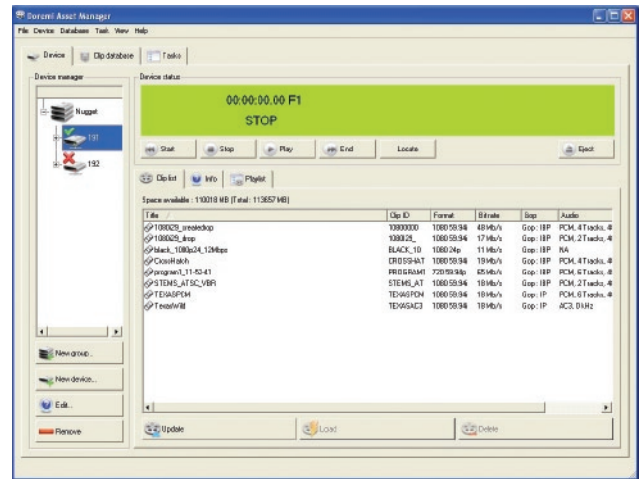
- Record uncompressed SD and HD video
- Create video clips, loops and playlists from the front panel
- Smooth fast and slow motion playback
- Frame accurate control via RS-422 or Ethernet using standard control protocols
- Transfer video files and still images via Ethernet
- 2K dual-link 4:4:4 recording 24p/24psf

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DoremiAM

Doremi Asset Manager (DoremiAM) software transfers popular video file formats via Ethernet to the V1-UHD. DoremiAM transfers video files such as QuickTime, MXF, AVI, and WMV to the V1 server's internal storage. Simply add the desired files or image sequences to DoremiAM's clip database and the software will transparently handle the synchronization and transfer of content.

Besides file transfers, DoremiAM provides transport controls such as shuttle, play and record. The operator can also use the software to create clips and playlists.



Mode of Operation

The V1-UHD provides several options for Local and Remote operation

- RS-422 Supports P2, VDCP (Louth), Odetics, Pioneer DVD and Panasonic RS232C protocols
- Ethernet Assign the V1 a unique IP address for remote control via Doremi's software utilities
- Front Panel Provides familiar VTR-like controls and the ability to create video clips and playlists



Specifications

VIDEO COMPRESSION

Uncompressed from 8 bit to 10 bit

VIDEO INTERFACE

Serial Digital Interface I/O
 1.5Gbit/sec (SMPTE 292M, 296M and 274M)
 800mVpp +/- 10%, 75 ohm, BNC
 270Mbit/sec (SDI-SMPTE 259M) 800mVpp, 75 ohm, BNC
 Downconverted Composite Video Output for monitoring only
 Video Sync Input Bi-level and Tri-level

AUDIO INTERFACE

Analog Audio I/O 2 Channels, up to 6 channels (Option)
 electronically balanced @ +4dB into 600 ohm, XLR
 (24-bit A/D & D/A, 48kHz sampling - uncompressed)
 AES/EBU Digital Audio I/O (Option) up to 8 channels,
 balanced 10Vpp, 110 ohm, XLR
 Embedded Audio on SDI I/O up to 8 channels

STORAGE

Three 300GB SCSI removable internal hard drives
 Also available with external storage

FORMATS SUPPORTED

625 (50Hz) and 525 (60Hz)
 720p (50, 60Hz), 1080i (24, 25, 30Hz)
 1080p (24, 25, 30Hz)
 2K dual-link 4:4:4 (option)

CONTROL INTERFACE

Ethernet 100BaseT (1000BaseT optional)
 Time Code I/O LTC, electronically balanced +4dB into 600 ohm,
 1/4" jack, VITC, ATC
 Serial Control Inputs 2 RS-422 using P2, Odetics, VDCP (Louth),
 Pioneer DVD and Panasonic RS232C protocols
 GPI 4 Input (Option)
 Bi-Phase Bi-Phase input, DB-9

Power 110/115/230/240 VAC, +/- 10%, 50/60 Hz, 85 Watts
 Operating Temperature Range +10° to +40° C with rated performance
 Dimensions 3RU - 5.25"H x 17"W x 15.25"D
 (13.35cm x 43cm x 38cm)



V1-HD 2K

HD Video Disk Recorder

V1-HD 2K

JPEG2000 2D & 3D, SD & HD Record and Playback | Video + Key
2K Dual Link 4:4:4 Recording | Super Widescreen
Create Clips, Loops & Playlists



The V1-HD 2K high definition video disk recorder offers the superior resolution of high definition video in a compact stand alone package.

Record and playback SD or HD video on internal removable drives. The **V1-HD 2K** features JPEG2000 video compression up to 300 Mb/s for visually lossless recording. HD video compression allows for over twelve hours of high quality video recording on just one removable hot-swap drive. Features include:

- Record SD and HD video
- High quality JPEG 2000 compression up to 300 Mb/s
- Create video clips, loops and playlists from the front panel
- Smooth fast and slow motion playback
- Video transitions fade, wipe and dissolve
- Frame accurate control via RS-422 or Ethernet using standard control protocols
- Transfer video files and still images via Ethernet
- 2K dual-link 4:4:4 recording 24p/24psf at 10 or 12 bit
- 1080p50 and 1080p60

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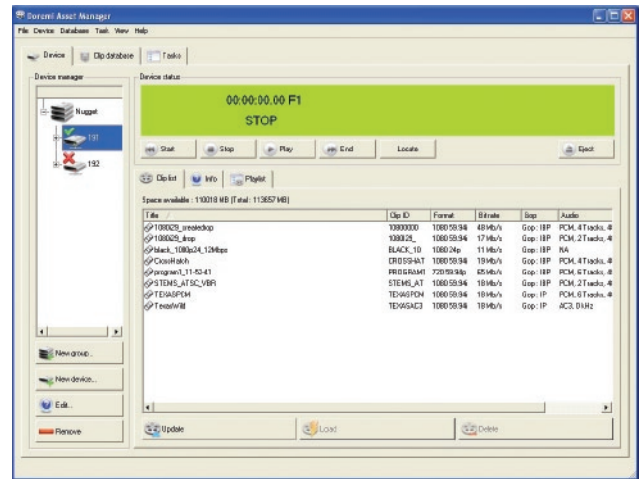
Doremi Labs, Inc., 1020 Chestnut Street, Burbank, CA 91506 P: +1-818-562-1101 www.doremilabs.com

All product specifications subject to change without notice.

DoremiAM

Doremi Asset Manager (DoremiAM) software transfers popular video file formats via Ethernet to the V1-HD-2K. DoremiAM transfers video files such as QuickTime, MXF, AVI, and WMV to the V1 server's internal storage. Simply add the desired files or image sequences to DoremiAM's clip database and the software will transparently handle the synchronization and transfer of content.

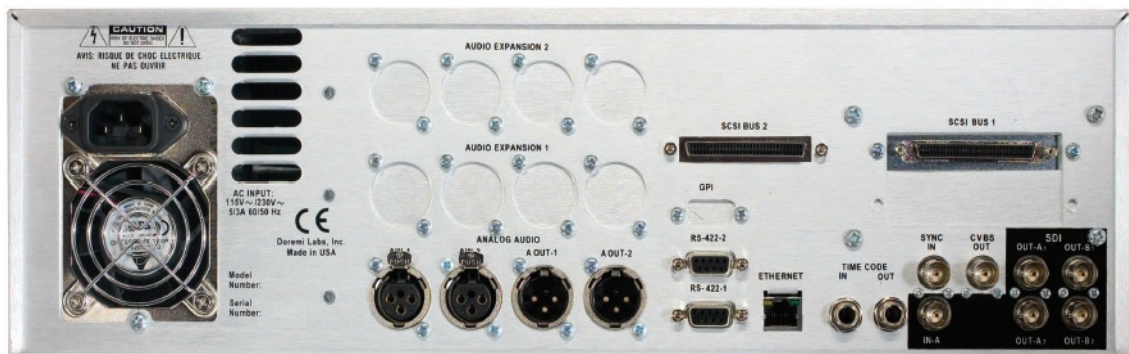
Besides file transfers, DoremiAM provides transport controls such as shuttle, play and record. The operator can also use the software to create clips and playlists.



Mode of Operation

The V1 HD-2K provides several options for Local and Remote operation

- RS-422 Supports P2, VDCP (Louth), Odetics, Pioneer DVD and Panasonic RS232C protocols
- Ethernet Assign the V1 a unique IP address for remote control via Doremi's software utilities
- Front Panel Provides familiar VTR-like controls and the ability to create video clips and playlists



Specifications

VIDEO COMPRESSION

JPEG2000, 4:2:2-4:4:4
Bitrates from 15 to 300 Mb/s up to 12 bit

VIDEO INTERFACE

Serial Digital Interface I/O
1.5Gbit/sec (SMPTE 292M, 296M and 274M)
800mVpp +/- 10%, 75 ohm, BNC
270Mbit/sec (SDI-SMPTE 259M) 800mVpp, 75 ohm, BNC
Downconverted Composite Video Output for monitoring only
Video Sync Input Bi-level and Tri-level

AUDIO INTERFACE

Analog Audio I/O 2 Channels, up to 6 channels (Option)
electronically balanced @ +4dB into 600 ohm, XLR
(24-bit A/D & D/A, 48kHz sampling - uncompressed)
AES/EBU Digital Audio I/O (Option) up to 8 channels,
balanced 10Vpp, 110 ohm, XLR
Embedded Audio on SDI I/O up to 8 channels

STORAGE

One 300GB SCSI removable internal hard drive
Also available with external storage

FORMATS SUPPORTED

625 (50Hz) and 525 (60Hz)
720p (50, 60Hz), 1080i (24, 25, 30Hz)
1080p (24, 25, 30, 50, 60Hz)

CONTROL INTERFACE

Ethernet 100BaseT (1000BaseT optional)
Time Code I/O LTC, electronically balanced +4dB into 600 ohm, 1/4" jack, VITC, ATC
Serial Control Inputs 2 RS-422 using P2, Odetics, VDCP (Louth), Pioneer DVD and Panasonic RS232C protocols
GPI 4 Input (Option)
Bi-Phase Bi-Phase input, DB-9

Power 110/115/230/240 VAC, +/- 10%, 50/60 Hz, 85 Watts
Operating Temperature Range +10° to +40° C with rated performance
Dimensions 3RU - 5.25"H x 17"W x 15.25"D
(13.35cm x 43cm x 38cm)



V1-UHD/LE™

Uncompressed HD Video Disk Recorder

Museums | Theme Parks | Concerts | Broadcast | Postproduction

V1-UHD/LE™



Doremi Labs' new V1-UHD/LE is a full-featured, stand alone uncompressed 4:2:2 HD video disk recorder available at a breakthrough price. The V1-UHD/LE can record up to 80 minutes of video on its two internal removable SCSI drives.

Applications for the V1-UHD/LE include theme parks, museums, concerts and other stage events. The V1-UHD/LE also excels in broadcast and post production applications where it can function as a drop-in replacement for professional HD video tape recorders.

The V1-UHD/LE's real-time recording of HD Video is particularly valuable in A/V applications where the video material is updated frequently. Until now only HD video media players provided affordable HD video playback. However, without the ability to record they are impractical in today's fluid live show environments.

The V1-UHD/LE breaks through the price barrier and provides a practical solution for A/V projects that require a real-time HD video recorder. And provides uncompressed video quality for an unbeatable combination of features and image quality.

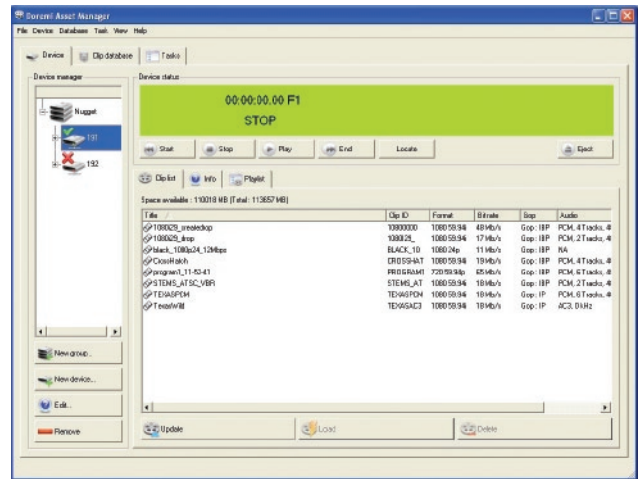
Always Innovative

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DoremiAM

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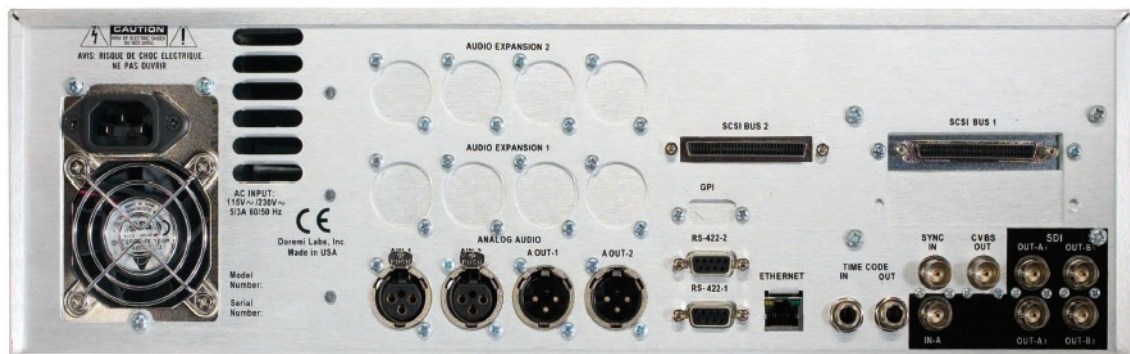
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Mode of Operation

The V1-UHD/LE provides several options for Local and Remote operation

- | | |
|-------------|---|
| RS-422 | Supports P2, VDCP (Louth), Odetics, Pioneer DVD and Panasonic RS232C protocols |
| Ethernet | Assign the V1 a unique IP address for remote control via Doremi's software utilities |
| Front Panel | Provides familiar VTR-like controls and the ability to create video clips and playlists |



Specifications

VIDEO INTERFACE

- Uncompressed HD Video 8-bit, 4:2:2 recording
- Uncompressed SD Video 10bit, 4:2:2 recording
- Serial Digital Interface I/O
- 1.5Gbit/sec (SMPTE 292M, 296M and 274M)
- 800mVpp +/- 10%, 75 ohm, BNC
- 270Mbit/sec (SDI-SMPTE 259M) 800mVpp, 75 ohm, BNC
- Downconverted Composite Video Output for monitoring only
- Video Sync Input Bi-level and Tri-level

AUDIO INTERFACE

- Analog Audio I/O 2 Channels, up to 6 channels (Option) electronically balanced @ +4dB into 600 ohm, XLR (24-bit A/D & D/A, 48kHz sampling - uncompressed)
- AES/EBU Digital Audio I/O (Option) up to 8 channels, balanced 10Vpp, 110 ohm, XLR
- Embedded Audio on SDI I/O up to 8 channels

FORMATS SUPPORTED

- 625 (50Hz) and 525 (60Hz)
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 Dimensions 3RU - 5.25"H x 17"W x 15.25"D
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Storage Media Two 300GB SCSI removable internal hard drives



COMPANY PROFILE



Space Vision was founded in October 2002 by a team of engineers and businessmen with vast experience in the area of electronics and audiovisual systems. The main goal of the company's founders was the creation of a flexible and dynamic enterprise, which would bring a new era in the field of the audiovisual solutions in Greece.

Since its foundation, our company has established a high reputation over the years, by implementing medium and large-scale projects and has managed to hold one of the highest positions in the area of AudioVisual Integrators in the Greek Market.

The company's activities vary from the trade, installation and engineering of audiovisual systems to the implementation of turnkey projects.

Today, the name of Space Vision stands out in hundreds of high-tech installations in cinemas, studios, classrooms, meeting rooms, auditoriums, convention centers, theaters and museums across a broad spectrum of public and private organizations and agencies all over Greece.



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