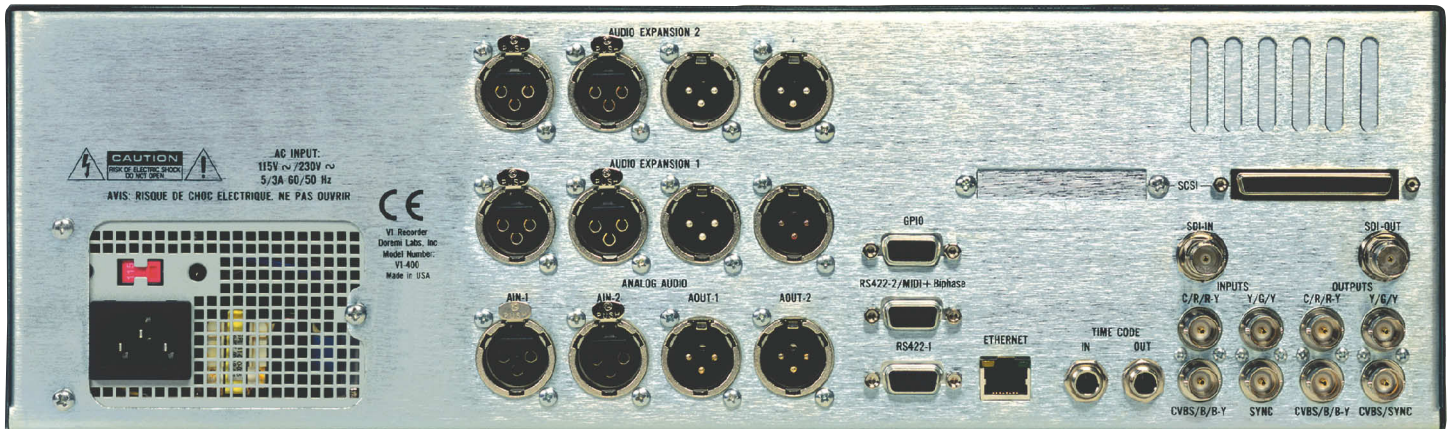


VConvert Software Utility

VConvert software transfers popular still image and movie files to and from the V1-U via 100BaseT Ethernet. Transfer the video recorded on the V1-U to your workstation to create a movie file such as Quicktime™, edit the video and then transfer back into the V1-U. The V1-U can also function as a video recorder for computer animation. Individual graphic animation files are rendered to disk and then transferred to the V1-U using VConvert. The V1-U will then playback the video sequence in real time. Its 10bit uncompressed recording mode ensures the highest quality video.

V1-Ux2 Dual Video Channel Model

Features 2 video channels in a 3U rack mount chassis for multi-channel video applications such as video and key channel recording, logo insertion, and as a playback source for projectors and displays. The V1-Ux2 features the same standard video I/O as the V1-U. Audio is limited to a maximum of 2 analog audio XLR per channel and embedded audio on SDI. The front panel of the V1-Ux2 allows complete control of both independent video channels simply by pressing the channel 1 or channel 2 buttons on the front panel. The V1-Ux2 has space for one internal SCSI drive for each video channel.



SPECIFICATIONS

**VIDEO INTERFACE:**

- 10-bit or 8-bit uncompressed digital video recording
- Composite Video I/O:** NTSC/PAL, 1Vpp, 75 ohm, BNC
- S-Video I/O:** Y/C, 1Vpp, 75 ohm, 2 x BNC
- Component Video I/O:** RGB/YUV, 700mVpp, 75 ohm, 3 x BNC
- Serial Digital Component Video I/O:** 270Mbit/sec (SDI-SMPTE 259M) 800mVpp, 75 ohm, BNC
- Video Sync Input**

**AUDIO INTERFACE:**

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

**CONTROL INTERFACE:**

- Ethernet:** 100baseT
- Time Code I/O:** LTC, electronically balanced +4dB into 600 ohm, ¼" jack, VITC read from video input, VITC out, D-VITC
- Serial Control inputs:** 2 RS-422 using Sony 9-pin, Odetics, Louth-VDCP, Pioneer DVD protocols, DB-9
- GPI:** 3 in, 3 out
- Bi-Phase:** Bi-Phase input, DB-9
- H Adjustment:** -799 to +799 (37ns steps)
- Sub-carrier phase adjustment:** 0 to 359 degrees

- 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
- Storage Media:** SCSI-equipped fixed/ removable internal hard drives
- External Storage:** via SCSI interface on back panel
- Video Monitor:** LCD – front panel mounted (optional)

Specifications subject to change without notice. Some specifications and features listed are only available as part of specific packages or options.