Options

· Autoconform, transitions and speed effects will
  be rendered
· Capture and play of 12 and 16 bit DPX, 16 bit TIFF
  files (Pronto2K.2 only)
· Synchronization of two or more Pronto2K.2 and
  ProntoHD.2 for stereo and other multi-device
  applications
· Variable Frame Rate capture from VTR
· Capture of 4K material with 5 Hz via dual-link
  HSDL (Pronto2K.2 only)
· Customized video rasters
· Capture and play of close caption information
· 'Slow PAL' capture and play
· Storage upgrade
· SAN-interface

Rear View of ProntoHD.2

Feature Overview

	Pronto2K.2	ProntoHD.2
Editing:		
Creating playlists in a timeline	+	+
Mixed resolution	+	+
Media management (Spycer®)	+	+
Import CLIPSTER® project files	+	+
Finalize (export to a new clip including MXF format for digital cinema)	+	+
I/O:		
Autoconforming with rendering available as option	+	+
VTR emulation	+	+
Uses NTFS Windows® file system	+	+
Single link (SD-SDI and HD-SDI)	+	+
Dual link (SD-SDI and HD-SDI)	+	-
2K @ 15psF (HSDL)	+	-
2K @ 24psF	+	-
4K @ 5psF (HSDL) available as option	+	-
8/10/12*/16* bit	+/+/+/+	+/+/-/-
Audio I/O channels (AES/embedded)	8 / 16	8 / 16

Chassis (RAID-5 storage):	1 x 4U Pronto2K.2/ProntoHD.2 - SAN (0 GB local storage)
	1 x 4U Pronto2K.2/ProntoHD.2 - from 1100 to 4800 GB

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DVS

Pronto2K.2/ProntoHD.2

the ultimate file-based disk recorders

DVS

Pronto2K.2/ProntoHD.2

the ultimate file-based disk recorders

The Pronto2K.2 and ProntoHD.2 are versatile disk recorders for various applications. ProntoHD.2 handles uncompressed SD and HD material in real time. Pronto2K.2 adds uncompressed 2K (up to 2048 x 1556) in real time and 4K (up to 4096 x 3112) at 5psF. The DI and post production business will benefit from the dual-link HD-SDI interface which can capture and play RGB 4:4:4 12 bit material plus keycode. The DVI and analog RGB outputs are perfect to feed HD or 2K material into projectors, CRTs, LCD and plasma panels. Editing and batch capturing are completed by autoconforming with transitions and speed effects.

With the VTR emulation mode Pronto2K.2 and ProntoHD.2 can easily be integrated into a wide range of applications from post production to presentation tasks. The integrated Spycer® gives powerful content management capabilities.

The RAID-5 configuration prevents data loss in case of a drive failure and keeps down time low. Presentation applications will benefit from the multi-device mode, where multiple Pronto2K.2 or ProntoHD.2 can be controlled by a single RS-422 controller.

By combining several units in a SAN environment, the systems provide multiple concurrent real-time HD input and output. Working as a "virtual telecine", Pronto2K.2 and ProntoHD.2 deliver massive operational time savings.

Your benefits

· Highest quality of uncompressed RGB 4:4:4 in 12 or 16 bit for best results with your chromakeyer
· Storage in NTFS Windows® file system makes time consuming import and export unnecessary
· Easy autoconforming with cutlists as time- and keycode are captured and stored with video data
· No additional costs for SD input and output
· Easy switching between 2K, HD and SD formats, as all formats can reside on the same partition at the same time
· Compatible with all major real-time color grading and editing systems
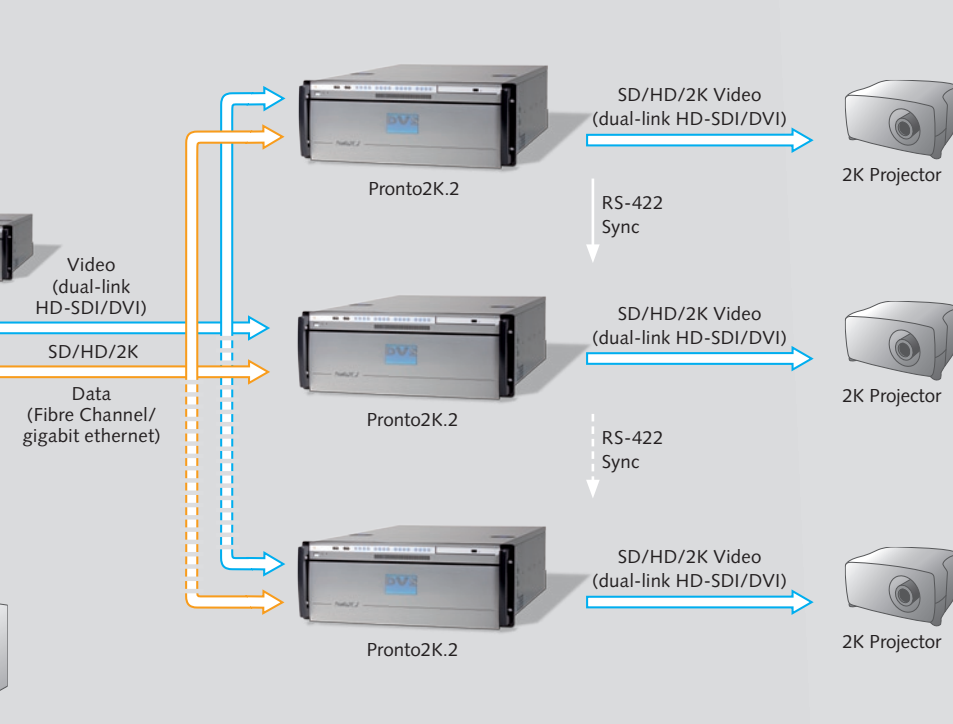· Easy connectivity to DVS-SAN via Fibre Channel link and to multimedia environment via gigabit ethernet

Multi-Device Presentation

Video Sources

HD VTR

HD Camera

Telecine

CLIPSTER®

Video (dual-link HD-SDI/DVI)

SD/HD/2K

Data Sources

DVS-SAN

Film Scanner

Data (Fibre Channel/gigabit ethernet)

External Drive

VFX Station

Pronto2K.2

SD/HD/2K Video (dual-link HD-SDI/DVI)

2K Projector

RS-422 Sync

Pronto2K.2

SD/HD/2K Video (dual-link HD-SDI/DVI)

2K Projector

RS-422 Sync

Pronto2K.2

SD/HD/2K Video (dual-link HD-SDI/DVI)

2K Projector

Key features

· Digital disk recorder
· Capture and play-out of digital video and audio
· VTR emulation with full RS-422 initiator and target mode
· Video and audio is stored NTFS Windows® file system in ordinary files
· Up to 4.8 TB of RAID-5 protected real-time storage in one 4U chassis
· Multi-device mode for simultaneous and frame accurate control of multiple Pronto2K.2 or ProntoHD.2
· Support of digital audio (AES/EBU), embedded audio and ancillary data, including timecode and keycode
· 24p material with 3:2 pulldown on play-out and pulldown removal on record
· Backup with any standard backup tool
· Autoconforming and editing with transitions and speed effects
· Finalizing (export to a new clip) and importing, e.g. MXF files for digital cinema

Technical specifications

· Multi-rate (SD and HD) SDI input and output in YUV or RGB 8, 10 or 12 bit, single/dual link (ProntoHD.2 single link only)
· File formats: DPX 10/12/16, Cineon®, BMP, TIFF 8/12/16, YUV 8/16, TGA, QuickTime, WAV, AIFF
· DVI and analog RGB output
· RS-422 in & out
· Analog stereo output to monitor audio
· 1000 Base-T (gigabit ethernet)
· Support of all popular SD, HD and 2K formats

· SD:	525i/59.94	720 x 486 (D1) and 960 x 486 (D5)
	625i/25	720 x 576 (D1) and 960 x 576 (D5)
	625i/24	720 x 576 ('Slow PAL')*
· HD:	1280 x 720p	/23.98/24/25/29.9/30/50/59.94/60
	1920 x 1035i	/29.97/30
	1920 x 1080i	/23.98/24/25/29.97/30
	1920 x 1080psF	/23.98/24/25/29.97/30
	1920 x 1080p	/23.98/24/25/29.97/30

Additionally, the Pronto2K.2 also features:

· HSDL:	2048 x 1556psF	/14.99/15/19.98/20
	4096 x 3112psF	/5*
· 2K:	2048 x 1556i	/23.98/24
	2048 x 1556psF	/23.98/24
	2048 x 1556p	/23.98/24

* available as an option