

Pronto2K/ProntoHD,  
the ultimate file-based disk recorders

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The Pronto2K DDR leads the way in digital film and television. This fully configured turnkey system processes uncompressed SD, HD and 2K (2048 x 1556) in real time. It is also perfect for displaying HD as well as 2K and for theater screening.

Data rates in excess of 306 MB/sec are achieved and in supporting all popular formats, Pronto2K and ProntoHD are totally future proof. Both systems can be adapted to a range of highend post-production applications. Whether you need to capture uncompressed HD data, process it, color grade it or output it to film, you will find the Pronto product line supporting your digital intermediate workflow at every stage.

Working with the Windows® file system, Pronto2K and ProntoHD incorporate intuitive software which enables you to capture, process and play-out HDTV data either manually or automatically. The systems support BMP, YUV, TIFF, TGA, Cineon® and DPX for video sequences and AIFF and WAV for audio.

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 and ProntoHD deliver massive operational time savings.

## Your Benefits

- Digital disk recorders for uncompressed SD, HD and 2K resolutions in real time
- Captures, stores and plays video, audio, time code and other meta data
- Perfect for TV, HDTV, film post production and for high resolution presentations
- Works with Windows® file system
- Different video formats on the same hard disk array, no partition necessary
- Connectivity to DVS-SAN via optional Fibre Channel link and to multimedia environment via high speed network and Windows® file system
- Compatible with all major real-time color grading and editing systems
- Support of variable frame rates for record and play-out



## Key features

- Multi-rate (SD and HD) SDI input and output in YUV(A), or RGB(A) 8,10, or 12 bit, single/dual link (ProntoHD single link only)
- Support of all popular SD, HD and 2K formats
 

SD:	525/59.94Hz:	720x486 (D1) and 960x486 (D5)
	625/50Hz:	720x576 (D1) and 960x576 (D5)
HD:	1920x1080	@ 23.98p, 23.98psF, 24p, 24 psF, 25p, 25 psF, 47.95i, 48i, 50i, 59.94i, 60i
	1920x1035	@ 59.94i, 60i
	1280x720	@ 23.98p, 24p, 25p, 29.97p, 30p, 50p, 59.94p, 60p
HSDL:	2048x1556	@ 14,99psF, 15psF, 18psF
2K:	2048x1556	@ 23,98p, 23,98psF, 24p, 24psF, 47,95i, 48i (Pronto2K only)
- File formats: DPX 10/12, Cineon®, BMP, TIFF 8/12/16, YUV 8/16, TGA, WAV, AIFF
- Simple integration of any future interlaced or progressive HDTV and film resolutions
- Storage up to 7 TB. With Pronto2K-SAN / ProntoHD-SAN local storage 0 GB
- Built-in digital real-time color space converter for RGB to YUV or vice versa
- Analog RGB output
- RS.422 master/slave operation
- Support of digital audio (AES/EBU), embedded audio and ancillary data, including time code
- Analog stereo monitor output
- 24p material with 3:2 pulldown on play-out and pulldown removal on record
- Backup with any standard backup tool
- Networking with up to 1000 Base-T (gigabit ethernet)

## Options

- Autoconform with hard cuts
- Mixer, that allows split screen display of recorded material and video at input
- 12 and 16 bit, allows capture and play of 12 bit DPX 16 bit TIFF files (Pronto2K only)
- Synchronization of two or more Pronto2K for stereo and other multi-device applications
- 1920x1080p60 and 1920x1080p50, capture and play of YUV 4:2:2 material via dual link HD SDI (Pronto2K only)
- Storage upgrade
- SAN-interface

Please check  
[www.dvs.de](http://www.dvs.de)  
 for further information.



# DVS.contact

## Editing:

	Pronto2K	ProntoHD
Creating playlists in a timeline	+	+
Mixed resolution	+	+
Finalize (export to a new clip)	+	+
Media management	+	+

## I/O:

Hardcut autoconforming	+	+
VTR-Emulation	+	+
Uses NTFS Windows® filesystem	+	+
Single Link (SD-SDI and HD-SDI)	+	+
Dual Link (SD-SDI and HD-SDI)	+	-
2K @ 24 sF RGB (max. I/O)	+	-
2K @ 15 sF YUV (max. I/O)	+	+
8 / 10 / 12 bit (processing 16 bit)	+ / + / +	+ / + / -
Audio channels (I/O)	8	8

## Chassis (Storage):

- 1 x 4U Pronto2K/ProntoHD - SAN (0 GB local storage)
- 1 x 4U Pronto2K/ProntoHD - 800/1600/3200 GB
- 2 x 4U Pronto2K/ProntoHD - 7000GB

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Features and specifications are subject to change without notice.  
 Some features may be parts of optional packages.

Please check  
[www.dvs.de](http://www.dvs.de)  
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