

# SDXWay/HDXWay.

multi-channel server with shared storage



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If you need a DDR with more channels, then take a look at the XWay product line. It provides up to six independent SD or two independent HD video channels, each with access to a single shared high-speed disk array.

The XWay systems are predestined for any application requiring concurrent record and play on the same storage, making them a top choice for broadcasting and post-production facilities. Thanks to their independent channels, you can transfer from a Telecine and begin editing or color-grading work as soon as the first frame is captured. As a replacement for your video tape recorder SDXWay and HDXWay provide more speed and flexibility, and require less service – all at a much lower price.

The multi-channel servers for uncompressed SD or HD RGB/YUV real-time record and play-out are based on DVS' ultra powerful boards combined with state-of-the-art technology. The XWays are perfect for TV stations broadcasting across various time zones and for users of stereovision solutions.

### Your Benefits

- Digital Disk Recorders for uncompressed SD or HD
- Perfect for all workflows requiring concurrent record and play on the same storage, e.g. slow-motion replay during sport events
- High-speed networking from any Windows® or Linux® computer
- Efficient disk-to-disk post-work on a single XWay system
- Shared storage for all channels
- Up to 6 channels of uncompressed SD or 2 channels of uncompressed HD
- Delay line mode with user definable delay with adjustable time or frame number
- Loop mode for infinite operation time
- Independent play and record with the same or different video format
- Different video formats on the same hard-disk array
- Simple integration into multimedia environments via high-speed networking
- Synchronization of two or more XWays with the multi-device option

### Key Features - SDXWay

- SD-SDI input and output in YUV 8/10 bit
- Support of all popular SD formats  
525/59.94Hz: 720x486 (D1) and 960x486 (D5)  
625/50Hz: 720x576 (D1) and 960x576 (D5)
- Storage from 200 GB up to 1600 GB
- Each video channel can record or play
- Each video channel with its own audio ports
- Support of digital audio (AES/EBU), embedded audio
- LTC input and output
- Genlock input
- Sync output
- Analog RGBS component and composite output
- RS.422 master/slave operation, independent for either channels
- Real-time color space conversion
- Slow motion with vertical interpolation

### Options - SDXWay

- Dual link SDI for RGB 4:4:4
- Key channel support
- Synchronization of up to 8 video channels
- 3:2 pulldown insertion and removal
- SCSI and Fiber Channel interfaces for external data tape backup devices
- Additional video channels (up to 6 per system)
- 4 digital audio channels AES/EBU and embedded

### Key Features - HDXWay

- HD-SDI input and output in YUV, 8/10 bit
- Support of all popular SD and HD formats  
SD: 525/59.94Hz: 720x486 (D1) and 960x486 (D5)  
625/50Hz: 720x576 (D1) and 960x576 (D5)  
HD: 1920x1080 @ 23.98p, 23.98psF, 24p, 24psF, 48i, 50i, 59.94i, 60i  
1920x1035 @ 59.94i, 60i  
1280x720 @ 23.98p, 24p, 25p, 29.97p, 30p, 50p, 59.94p, 60p
- Storage from 200 GB up to 3200 GB
- Each video channel can record or play
- Each video channel with its own audio ports
- Support of digital audio (AES/EBU), embedded audio and ancillary data
- LTC input and output
- Genlock input
- Sync output
- Analog RGBS component output
- Frame repetition for flicker-free sequences with low frame-rate material
- RS.422 master/slave operation, independent for either channel
- Real-time color space conversion
- VITC for HD formats via video input and output

### Options - HDXWay

- SD-SDI input
- HSDL: 2048x1556 @ 15psF, 18psF
- 2K: 2048x1556 @ 24p, 24psF, 48i (single channel operation only)
- Synchronization of up to 8 video channels in up to 8 systems
- 3:2 pulldown insertion and removal
- 8 digital audio channels AES/EBU and embedded
- Mixer for split-screen visualization of input data and stored sequences
- SCSI and Fiber Channel interfaces for external tape backup devices



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

**DVS**

## DVS. contact

Your contacts at DVS:

### DVS Digital Video Systems GmbH

Krepenstrasse 8  
30165 Hannover  
Germany

Phone: +49 (0)511 67 80 70

Fax: +49 (0)511 37 19 74

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

[sales@dvs.de](mailto:sales@dvs.de)

### DVS Digital Video, Inc.

300 East Magnolia Boulevard, Suite 102  
Burbank, CA 91502

USA

Phone: 1 818 846 3600

Fax: 1 818 846 3648

[www.dvsus.com](http://www.dvsus.com)

[info@dvsus.com](mailto:info@dvsus.com)

