

VCube HD-2K

1080 HD VIDEO SYSTEM

VCube HD-2K offers all the functionality of the standard VCube system plus...

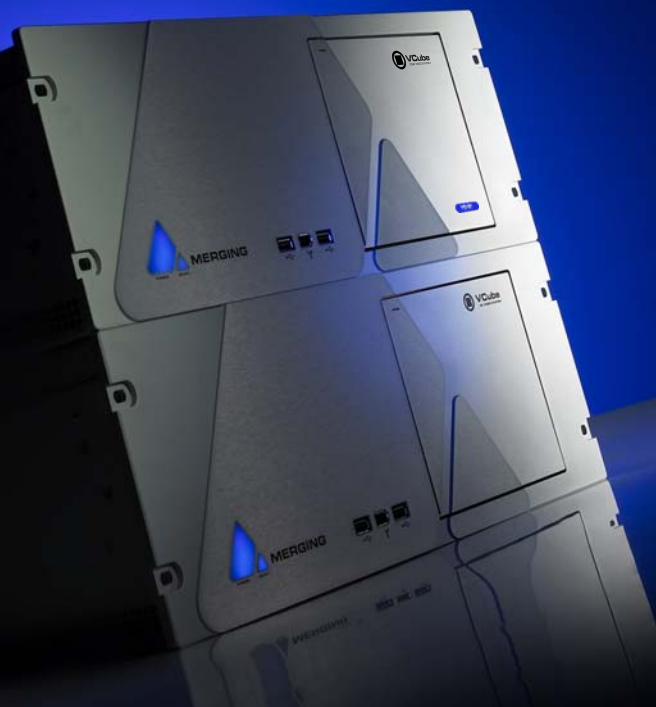
MAIN FEATURES

- Record uncompressed Standard and High-definition video.
- Single or Dual Stream HD1080 video playback and multi-stream SD video playback.
- HD/SD SDI interface with Dual link option for RGBA 4:4:4:4 applications. *
- Real-time HD1080 format conversion.
- Directly open OMF multi-layer video compositions.
- Real-time basic editing with fades, dissolves, cut, copy, paste functionality.
- Picture-in-picture capability for version comparison and dubbing
- Instant access and transferability of SD and HD media across network/servers
- Convert any SD/HD video format to any other format e.g. to AVI, QuickTime™ SD to HD.
- Notation capability for version referencing and film dubbing
- Security embedded graphic and text Water-marking
- Up to 6.4TB media storage

APPLICATIONS

- Replacement for SD/HD video tape machine
- Playback/screening system at 24fps Film, PAL, NTSC and HDTV frame rates
- Creation of edited clips, loops and play-lists
- Ideal for audio post production SD and HD video and film dubbing referencing
- HD Video Recorder for CGI and model animation frame store/playback *
- Digitizing station for Avid Unity™ * Luxor and other media servers
- Uncompressed RGB 4:4:4 recorder *
- Multi-format cache for telecine transfer *

* Available Q4 2005





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TECHNICAL SPECIFICATIONS

SDI, HD-SDI, Dual Link 4:4:4 HD-SDI
8-Channel 24-bit AES and Embedded Audio

Supported video formats

525i 29.97
625i 25
720p 59.94
720p 60
720p 50
1080i 25
1080i 29.97
1080i 30
1080psf 23.98
1080psf 24

Analog monitoring:
In SD Can be Configured for Component, Composite, or S-Video In HD Can Only Be Component

Supported codecs

RGBA
RGB*
YUY2*
Avid AVRn
MJPEG*
MPEG2
DV25*
DV50
DVCPRO
DVCPRO HD**
Qrez**
IMX (MPEG50)
Almost all codecs for QuickTime and Video For Windows

*Available codec for recording

** Soon

Supported file formats

AVI1
AVI2
AVI ref
QuickTime
OMF for compositions and media files
MXF (OP-Atom and OP 1A)
MPG
Cube
VFW
TIF
BMP
PNG
JPEG
GIF
EMF
PMF
Wave
BWF
Aiff
PCM



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