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## **Vcube** HD VIDEO SYSTEM

Vcube is a new generation of hard-disk based video record/player specifically for use in film and television audio postproduction. Designed to work with any DAW system via 9-pin RS422, LTC or VTC, Vcube can be configured either as a standalone system or as part of a multi-system multi-streaming centralized video network, Vcube is the ultimate picture referencing tool for SD (Standard Definition) and HD (High Definition) video with sync to PAL, NTSC, Film 24fps and all HDTV frame rates.

**Direct import of OMF multi-layer video compositions**

**CMX EDL, AAF, MXF and Apple FCP XML import capability**

**Supports AVI 1, AVI Ref, AVI 2, OMF, Avid Nitris (HD), QuickTime, WMV, TIF, BMP, PNG, JPEG, GIF, MPEG, MJPEG, MXF and more**

**Compatible with Standard and High-definition video formats, either as native, or through the built-in conversion process allowing HD 1080 resolutions to be used.**

**Water Marking Feature to protect Copyright footage**

**Video Clip Notation**

**Sync to Pal, NTSC, Film 24fps and all HDTV frame rates.**

**HD to SD video output or HD output through DVI.**

**Options for up to 12 additional channels of audio I/O.**

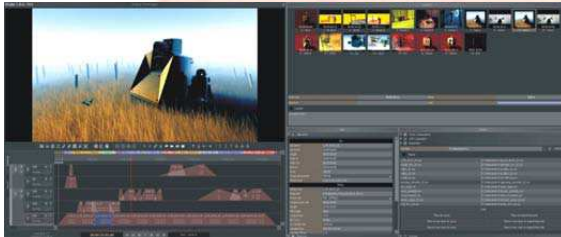
# EMERGING

Thinking outside the box

Vcube has the ability to interface directly to an Avid Unity™ network and import OMF Multi-layer Video Compositions. All the layers and transitions, video dissolves, fades etc, are all achieved in real-time without the need to render. The system can also import OMF rendered FX.



The system can also render OMF multi-layer compositions into a single-layer file, which is especially useful for networked, centralized video streaming as well as converting one video format to another, such as HD to SD, AVI to QuickTime, OMF to AVI etc.



Vcube can play different video, codecs, data and file formats within the same time-line with all video clips resized in real-time to the specified output format required. This also allows high-definition video files to be played-out directly in real-time through the standard definition video output of the system. Alternatively, HD or SD video files can be internally reformatted to any other video format.

A Multi-Vcube configuration can be structured to offer independent functionality of each Vcube as a player/recorder, or with

Merging's Luxor Central Server System as a central video store multi-streaming video to

each Vcube system. Additionally, Vcube can also be combined on an audio network for the ultimate sound and picture integrated solution.

Vcube can handle text overlays in real-time by adding a Text Clip with all the standard Text formatting properties + frame rectangle, background, opacity etc. Additionally, Vcube offers Burnt-in Time Code, Watermark (Image and Copyright text), Alpha Channel, Output Mask, Composition encryption and password protection as well as User Administration rights with a customizable interface for each user.



Absolute synchronization at any frame rate between your DAW and VCube is key to the high level of integration. Time-line zoom, cut, move, copy and paste functions for audio and video media can be applied. VCube is also able to sync on a time code reference different to that of its internal frame type; allowing, for example, to play at 24fps while syncing on a 25 fps Time Code and retaining full synchronisation with Pyramix and other DAW systems\*

Extensive media management, in both list views and picture views, has been designed into the Vcube user interface to ensure ease of use and rapid access to all media. The system layout is also designed to support single screen and multi screen operation.





Here is the range of fully configured 19" Rack mount system examples.

## **Vcube** **Players**

### **VCube LE Pro SD**      **from £ 3,500.00**

SD video player for tracklay and dubbing suite with support for all major file video formats and codecs including Quicktime, AVI, Mpeg, etc.

Import AVID and Final Cut Pro sequences

MXF, OMF, AAF, Final Cut XML (Some are Optional)

Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*

Import EDL changes to existing sequences

Multiple video and audio track playback

Video outputs on VGA or DVI

Synchronise to your DAW with 9-Pin or LTC

Ethernet/Fibre network support of Server based storage

### **VCube LE Pro HD**      **from £ 5,946.00**

HD video player 1920 x 1080 for tracklay and dubbing suites with support of all major SD and HD file formats

Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*, DVCPRO-HD\*, ProRes

Import AVID and Final Cut Pro sequences direct from the Offline suite

MXF, OMF, AAF, Final Cut XML support available (some are Optional)

Import EDL changes to existing sequences

Multiple video and audio track playback

Video outputs on VGA or DVI to a monitor or projector

Synchronise to your DAW with 9-Pin or LTC

Ethernet/Fibre network support of Server based storage



## **Vcube** **Player + Export/Render**

### **VCube XE Pro SD**      **from £ 4, 788.00**

The XE SD pro offers the same playback features as the LE SD but additionally adds the export and render/wrap functions. This allows video and audio sequences of any format to be converted to a single file for export to file formats such as Quicktime, AVI, Mpeg etc

Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*

Import AVID and Final Cut Pro sequences direct from the Offline suite

MXF, OMF, AAF, Final Cut XML support available (Some are Optional)

Import EDL changes to existing sequences

Multiple video and audio track playback

Video outputs on VGA or DVI to a monitor or projector

Synchronise to your DAW with 9-Pin or LTC

Ethernet/Fibre network support of Server based storage

### **VCube XE Pro HD**      **from £ 7,230.00**

The EX HD pro offers the same playback features as the LE HD but additionally adds the export and render/wrap functions. This allows video and audio sequences of any format to be converted to a single file for export to file formats such as Quicktime, AVI, Mpeg etc

HD video player 1920 x 1080 for tracklay and dubbing suites with support of all major SD and HD file formats

Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*, DVCPRO-HD\*, ProRes, DNxHD\*

Import AVID and Final Cut Pro sequences direct from the Offline suite

MXF, OMF, AAF, Final Cut XML support available (Some are Optional)

Import EDL changes to existing sequences

Multiple video and audio track playback

Video outputs on VGA or DVI to a monitor or projector

Synchronise to your DAW with 9-Pin or LTC

Ethernet/Fibre network support of Server based storage



## **Vcube** **Player / Recorders + Export/Render**

### **VCube SE Pro SD**      **from £ 7,356.00**

The Vcube SE Pro SD offers all the features of the LE SD and XE SD player models but also adds the ability to record and the addition of professional SD SDI /Composite /Components Video input and output as well as DVI / VGA

- Input: 1 SDI + Component/Composite/S Video
- Output: 2 SDI + Component/Composite/S Video
- Genlock input
- 6 embedded audio channels on SDI
- 2 AES audio channels
- 2 analog audio channels
- Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*
- File format: .cube, AVI, QuickTime, MPEG\*,MXF\*

### **VCube SE Pro HD**      **from £ 10,440.00**

The Vcube SE Pro HD offers all the features of the LE HD and XE HD player models but also adds the ability to record and the addition of professional HD SDI /Composite /Components Video input and output as well as DVI / VGA

- Input: 1 SDI + Component/Composite/S Video
- Output: 2 SDI + Component/Composite/S Video
- Genlock input
- 6 embedded audio channels on SDI
- 2 AES audio channels
- 2 analog audio channels
- Codec: DV25, YUY2, RGBA, RGB, MJPEG, MPEG2/IMX\*, DVCPRO 50\*, DVCPRO-HD\*, ProRes, DNxHD\*
- File format: .cube, AVI, QuickTime, MPEG\*,MXF\*

All prices shown exclude VAT and delivery and are subject to change without notice  
Our standard terms & conditions apply. E & OE