

Datavideo TVS-2000A Tracking Virtual Studio System

The TVS-2000A is a computer-based 3D Tracking Virtual Studio System. It is a real-time production system with very high quality live chromakeying.

The TVS-2000A uses two live cameras to create virtual cameras. This allows the director to zoom, pan and tilt the camera virtually within the set.

Furthermore, with two camera inputs and two keyers, the TVS-2000A gives the user the capability to place two talents on one virtualset. The TVS-2000A can also be used in a remote scenario whereby the images captured by the two cameras at two different sites are placed on one single virtualset.

Also Integrated into the system are tools to record the program output, broadcast live program and stream video over the Internet.

Features:

Varieties of System Inputs with Front Object Integration:

- Two Camera Inputs;
- One AUX input;
- Camera control card for connecting two tracking cameras;
- Media (videos) - two clips at the same time;
- Still images (bitmaps, text) - two at the same time;
- Text - two text compositions at the same time.

Additional Media Features

- A Media Bin is a simple-to-use interface that makes it possible to gather all the media necessary for programme broadcast in one place;
- The media can be transferred from the bin to virtual players, used on air or as a source in virtual studios;
- The system has five bin tabs for seven kinds of media: audio, videos, still images, and text;
- Logo insertion on virtual scene.

Virtual Background Features

- Loads up to four virtual studio virtual cameras simultaneously;
- Configurable Pan/Tilt/Zoom;
- Multi-Point Zoom;
- Virtual Studio backgrounds, which can be downloaded from Datavideo's virtual background database website;
- 30 free built-in virtualsets in the system;
- CG-loaded backgrounds imported from external files, or edited by Still Text Editor.

Media Previews

- Camera preview (two at a time, depending on system configuration);
- Media preview (two at a time);
- Still image preview (two at a time);
- Text preview (two at a time);
- Up to four virtual studio previews; 8
- PREVIEW - presentation of the next element prepared for broadcast;
- PROGRAMME - presentation of the current programme broadcast (system output);
- Previews on multiple monitors (if monitors are connected to a workstation, it is possible to obtain different preview configurations, even on three monitors).

Supported Formats

- Format: 1080p60 - image resolution: 1920 x 1080
- Format: 1080p59.94 - image resolution: 1920 x 1080
- Format: 1080p50 - image resolution: 1920 x 1080
- Format: 1080p30 - image resolution: 1920 x 1080
- Format: 1080p29.97 - image resolution: 1920 x 1080
- Format: 1080p25 - image resolution: 1920 x 1080
- Format: 1080i60 - image resolution: 1920 x 1080
- Format: 1080i59.94 - image resolution: 1920 x 1080
- Format: 1080i50 - image resolution: 1920 x 1080
- Format: 720p60 - image resolution: 1280 x 720
- Format: 720p59.94 - image resolution: 1280 x 720
- Format: 720p50 - image resolution: 1280 x 720

Video Processing Formats

- Video processing: 4:4:4 16-bit floating-point internal processing;
- Inputs and outputs: YUV 4:2:2;
- Capture in output format: 4:2:0;
- Streaming: 4:2:0.

Other Miscellaneous Features

- A Five-in-One System: Virtual Studio, Switcher, Character Generator, Recorder and Web Streaming
- Multi-Language Support;
- RMC-280 Remote Control;
- Audio Embedding Capability;
- Real time streaming;
- Hard Drive (HD) Recording;
- 3D Studio Editor;
- Built-in TVS AUX Card for an additional input.

Package Includes:

- 1 x TVS-2000A Main Unit
- 1 x Power AC Cord
- 1 x 2.5" HDD Box (with SATA to USB cable)
- 1 x USB Mouse
- 2 x Labels
- 4 x screws M3
- 1 x RMC-280 Unit(Include D-Sub 9 PIN Cable + DC 12V power adaptor)
- 1 x 802.11AC Antenna / or USB dongle
- 1 x Thank You Card