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4K
ULTRA HD

AR



4K AR
3D Tracking Virtual Studio System

TVS-3000

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TVS-3000

The true 3D tracking virtual studio system uses HTC tracker to replace the traditional expensive and cumbersome camera crane tracking

The TVS 3000 is a 3D virtual studio system with stunning tracking function, incorporating the most advanced AR technology into virtual studio. The TVS- 3000 unifies video switching, virtual studio, video effects, graphic layout, streaming and recording into a single device, bringing an innovative and complete total solution.

Simplifies the requirements of operation, equipment, space and materials, the TVS-3000 offers professional virtual studio production with easily operation. It can create a variety of application scenarios and visual effects, which is suitable for live broadcasting or lecture recording.

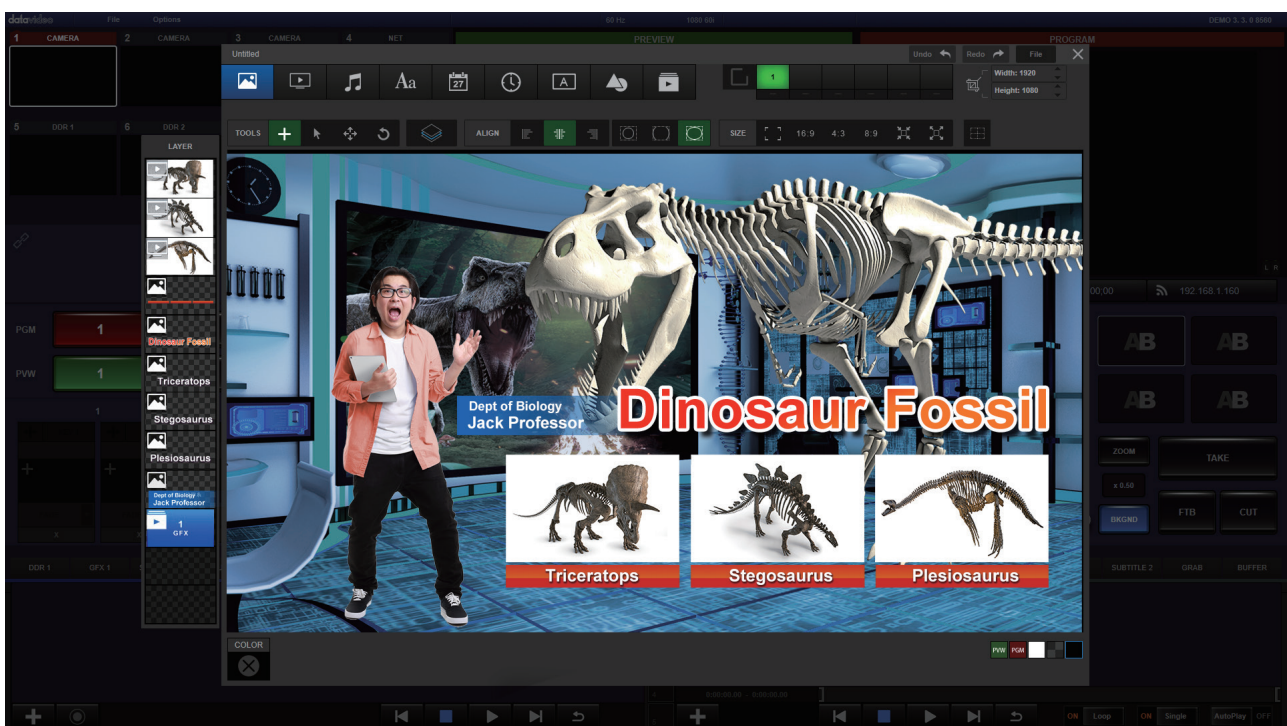
Features

- 2 channels 4K 25/30P
- 3D tracking through camera crane
- 3D virtual studio system
- Standard 4 channels HD optional expandability to 8 channels production
- ISO 8 channels HD video recording
- H.264 streaming
- Professional graphic layout function
- Built-in software audio mixer and replay system
- Supports NDI technology

Professional graphic layout function, provides a great stage for the video production

TVS-3000 Graphic Layout

TVS-3000 supports built-in graphic layout that combine input signals, video, images, text and other contents as a complete editing file. User can choose from any image or video as a background, and add on multiple text content from free subtitle templates.





AR

TVS-3000 incorporates the most advanced AR technology into virtual studios. With the HTC Tracker application, it can easily overlay 3D virtual object into real scene video, and also provides interaction with the AR object through real-time positioning.



Supports NDI technology

Supports NDI streaming protocol, no need to set ip address in intranet transmission, can simply search for NDI signal source in LAN and provide two-way transmission. Applied to the TVS-3000, the function can be used to transmit different contents such as the browser interface, PPT, image, video as the input source in the virtual set or graphic layout, or can be used to send the live broadcast signal of the program to view from local network.



Multiple input configurations

Supports up to 8 channels of full HD or 2 channels of 4K mixed resolution input signals, unlimited streaming media input signals with multiple video formats, and input signals from DirectShow protocol device to achieve multi-channel video switching.

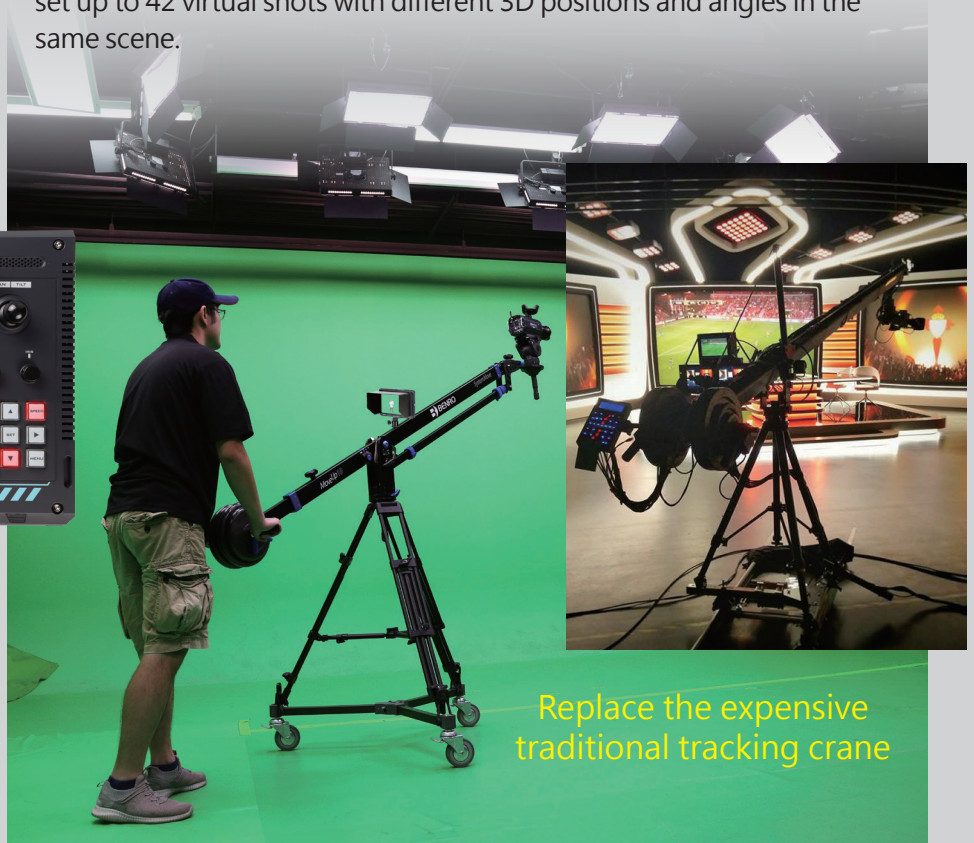
RMC-285 control panel

RMC-285 control panel included for live virtual show and cameras control. Come with 10 function keys (F1-F10), can help to set quick animation, change scene or media content. Making production easier.



Smart 3D tracking crane

Replace the traditional tracking crane with low-cost and easy-to-operate advanced 3D tracking crane. The path, panning speed, and shooting time of the camera movement can be adjusted in real time. The user can set up to 42 virtual shots with different 3D positions and angles in the same scene.



Replace the expensive traditional tracking crane

Optional Tracking Device

Camera Crane

When using the HTC Tracker for tracking, it is recommended to use a small to medium camera crane for better camera shooting angle variability.

With the crane, it can achieve a larger movement than the handheld camera, and its more stable and easier to control.

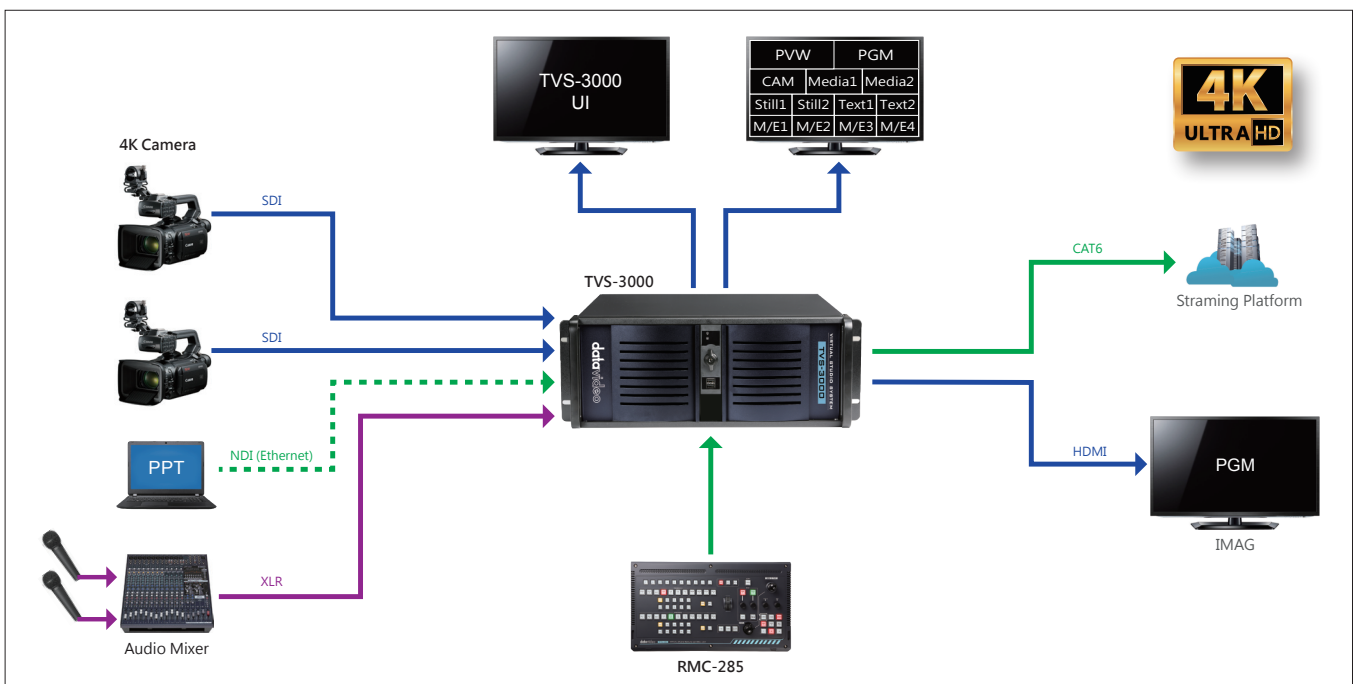
HTC Base Station

Powers the presence and immersion of virtual reality by helping the HTC tracker track their exact locations. Features wireless syncing.

HTC Tracker

Features multiple sensors, HTC tracker offers 360-degree tracking and realtime camera movement feedback to TVS-3000 which bring out the realistic virtual studio system.

In the virtual studio environment, the 3D virtual object can also be bound to any tracker, so that the user can interact with the tracker to achieve the interaction with the AR object.



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