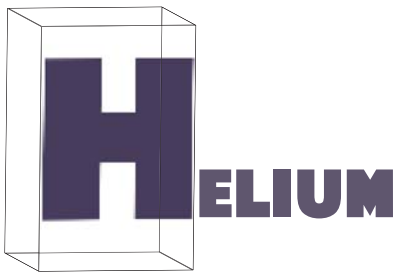


SOFTWARE

Helium is a cost effective, easy to use, and to set up virtual set solution, its reliability allows Helium to be the broadcaster's preferred 2D virtual set solution choice.



Virtual Set 2D

Easy creation background and set up

Helium is the mid-range; easy to use and to set up virtual set solution from Hybrid MC. The set requires only lens calibration. Simple pre produced images are used as virtual background, that can be either flat or cylindrical. Thanks to the camera robotic head Titanium, the background follows the Pan, Tilt, Zoom and Focus of the camera, to create movement with the virtual background. Images can be created, very easily with a digital camera, 2D products (such as Photoshop), or 3D Design package (3D Studio Max, Maya, Softimage, Lightwave...).



Simple and ready to use

As the background are simple images, imported them into Helium is just a couple of click away. Coupled with Cesium, the motion tracking software and the extremely precise new robotic camera head Titanium manufactured by Hybrid MC, Helium becomes an efficient, easy to set up HD/SD virtual set solution with no video and audio delays. Thanks to its graphical interface, relocation of the cameras in the studio becomes easy; this can be done by simply changing the virtual background inside Helium.

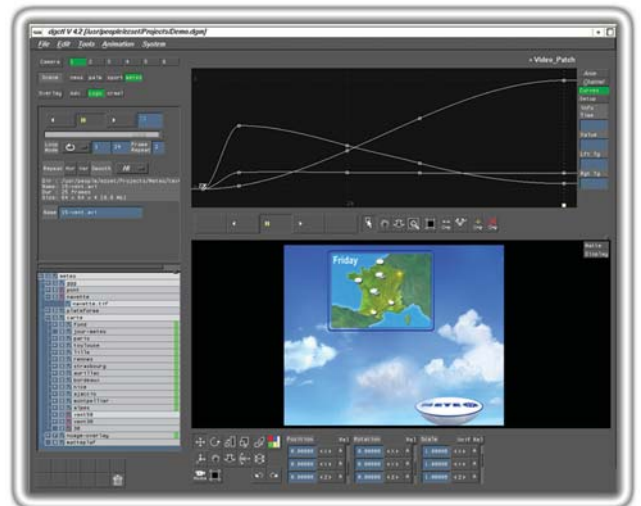


More than a 2D virtual set

Helium is more than a simple 2D virtual set solution; its powerful capabilities allow supporting very large images (4kx4k), HD/SD live video feed and an unlimited number of pre recorded HD/SD video sources. Helium GUI's allows to manipulate, layers in a 3D universe, giving the audience more realistic effects such as forcing real images (e.g.: talent) to move in front, around and behind virtual objects as if they already exist.

A complete graphic on air tool

Helium is offered with a complete, overlay module, allowing broadcasters, to create crawls, tickers, logos, feed in with real time information from external databases enhancing virtual background. Helium offers a very easy, animation curve module to animate those virtual objects.



Helium key features :

- Virtual set solution with no video/audio delays
- Simple and easy to use
- Cost effective
- Integrated with Hybrid MC's proprietary robotic camera motion tracking devices
- Simple background creation
- Multi camera set up
- Easy integration with 3rd party motion tracking devices
- Support unlimited pre recorded of HD and SD video sources
- HD/SD video live feed
- HD and SD standard
- Virtual mattes technology
- Interfaced with external databases
- 3D background impression
- Can be upgraded to Krypton 3D virtual set
- Scalable configuration



HYBRID MC

Contact Information

info@hybrid-mc.com
www.hybrid-mc.com
89, rue Gabriel Péri
92120 Montrouge - France
T : + 33 1 46 73 00 66
F : + 33 1 46 73 00 77