

The Foundry Nuke & After Effects Products



2D TO 3D SUITE

A complete toolset of professional plugins for depth map creation, processing and high-quality stereo generation.

Depth Effects



Allows to obtain detailed depth for static scenes and background areas.

Depth Propagation



Provides automatic propagation of a given depth map from one or two frames to the entire scene or the selected scene fragment.

Depth from Focus



Works well for scenes with blurred foreground objects and allows to create mask of small particles in a frame (rain or snow for example).

Depth from Motion



A good solution for obtaining depth key frames from scenes with camera motion.

Stereo Generator



High quality stereo generation from 2D+Depth video with special functions for automatic corrections of depth map.

Depth Refinement



Corrects edge mismatches between source frames and depth map and helps to improve crude roto-scope masks.

Matting



Special technology for processing semitransparent and fuzzy edges between foreground objects and background.

Background Reconstruction



Various methods of temporal and spatial reconstruction for different types of video.



STEREO PROCESSING SUITE

A set of professional plugins for stereo video post-processing and correction. Includes a special plugin for stereo-to-multiview conversion.

Stereo Correction



Fixes vertical parallax and tilts between right and left views, and enables elimination of color mismatches in the input stereo pair.

Parallax Corrector



Changes the parallax value of the original stereo pair (both increase and decrease modes are available), using information from the disparity map.

Depth from Stereo



Evaluates real shifts between the left and right views in a stereo pair to create a depth map.

Stereo-to-Multiview Conversion

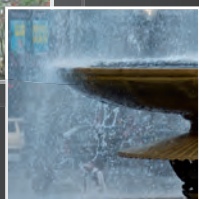


Automatic stereo-to-multiview conversion.

Main Advantages of Our Software & Service

www.yuvsoft.com

3D video processing technologies



Greater Conversion Speed

- Processes complex scenes
- Handles raindrops, snowflakes and other small random particles
- Successfully manages even inaccurate roto masks
- Automatically propagates depth maps



Higher Quality

- Processes semitransparent fuzzy edges
- Reconstructs occluded backgrounds
- Stereo generator automatically corrects depth map deficiencies

Ready for a Test Drive?

- Sign an NDA
- We show you how the software works using WebEx
- Discuss and agree on a temporary license

Want to Buy but Unsure About Affordability?

- Our software pays for itself after just a single major conversion project. Let's stay in touch: when you have a large project on hand, we will be ready to help!
- Our **conversion service** is always available! We can perform 2D-to-stereo 3D conversion for a wide range of quality versus price and speed levels, from 3DTV content to high-quality theatrical releases.

Unsure about Conversion Quality or Speed?

- Order our **conversion service** with supplemental demonstration of processing techniques. For a slightly higher cost, you will receive all intermediate data, enabling you to study the process used to produce your project's content.

Have more questions?

- Check out **www.yuvsoft.com** for answers!

3D Video
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