



Glasses-Free 3D Photo

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Photography has gone through a long evolution, from painter's portraits and black and white prints to a form of art in its own right.

Today we are witnessing another milestone in the history of photography thanks to widespread 3D technology. 3D photography provides more opportunities to create natural images and realistic motion.

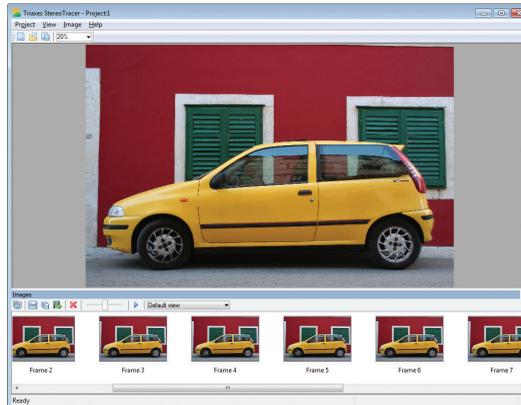
**Today 3D photo is available to everyone!**

Glasses-free 3D photography was once limited to a small community of professionals because it required special skills and equipment to take up to 10 photos from different angles. The new stereo cameras and software make 3D photography available to everyone.

Triaxes offers comprehensive solutions for 3D image creation using stereo-photo or even common 2D images.



# StereoTracer



TRIAxes STEREOTrACER CONVERTS 2D IMAGES OR STEREO-PHOTO INTO 3D GLASSES-FREE FORM.

STEREOTrACER AUTOMATICALLY GENERATES MULTIVIEW STEREO FRAMES FOR LENTICULAR 3D PHOTO PRINTING.

## DEPTH MAP PROCESSING

StereoTracer uses depth maps to create 3D images out of a single 2D image. The gray color gradation shows each pixel's distance from the viewer. StereoTracer can work with user-drawn depth maps for 2D photos or automatically calculate the depth map for source stereo pairs.

## STEREO CAMERA COMPATIBILITY

StereoTracer supports the MPO file format used by the Fujifilm FinePix Real 3D camera. The program automatically converts stereo MPO files into multiview stereo sequences for lenticular 3D photo printing.

## MULTIPLE INPUT FORMATS

StereoTracer supports stereo-photo stored in separate files or in one file (side-by-side).

## TARGET CUSTOMERS

Photographers, stereographers, graphical artists and advertising studios have already experienced this software as a efficient business tool that increases their opportunities in 3D Photo production.

## EASY TO LEARN

The Program Wizard helps users run the program features step-by-step for professional results.

## FLEXIBLE SETTINGS

StereoTracer controls parallax and convergence points in the resulting 3D multiview frames.

## AUTO ADJUSTMENT

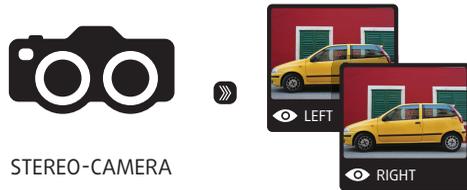
The auto alignment feature enables the user to obtain a better 3D visualization effect.

## OUTPUT

StereoTracer output is easily compatible with 3DMasterKit for full-grown lenticular 3D pictures.

# HOW IT WORKS

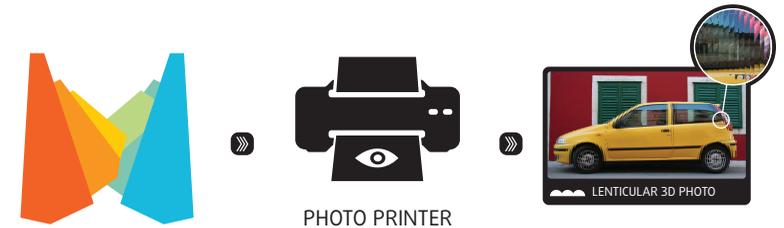
**STEP 1** TAKE 2 PICTURES USING STEREO-CAMERA



**STEP 2** GENERATE A DEPTH MAP AND THEN RENDER SERIES OF FRAMES USING THIS DEPTH MAP

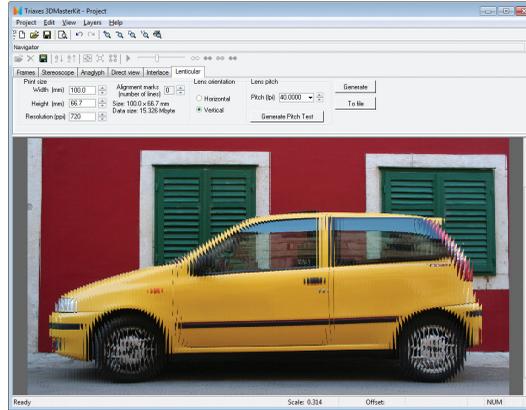


**STEP 3** ENCODE AND PRINT OUT YOUR LENTICULAR 3D IMAGE





# 3DMasterKit



3DMASTERKIT GENERATES A VARIETY OF 3D AND MOTION EFFECTS FOR LENTICULAR PHOTO PRINTING.

MULTIPLE WAYS TO CREATE 3D IMAGES

## PREVIEW OPTIONS

3DMasterKit lets users preview 3D effects by means of animation (look around effect), anaglyph and LCD shutter glasses.

## EASY TO LEARN

Save time and get professional results with the friendly user interface and video tutorial.

## AUTO ALIGNMENT

The auto alignment feature is extremely helpful for processing a series of photos taken with a slidebar.

## TARGET CUSTOMERS

Printers, advertising studios, photo studios and photographers will find 3DMasterKit a useful and cost effective solution for expanding their business in a new direction and increasing quality and productivity when generating 3D images and lenticular products.

## MULTIPLE PRODUCT OPTIONS

Triaxes 3DMasterKit generates lenticular images with a variety of effects, such as flip, animation, morphing and zoom.

## MULTIVIEW SERIES OF REAL PHOTOS

3DMasterKit creates 3D images out of a series of photos taken with a slidebar.

## LAYER AND DEPTH MAP

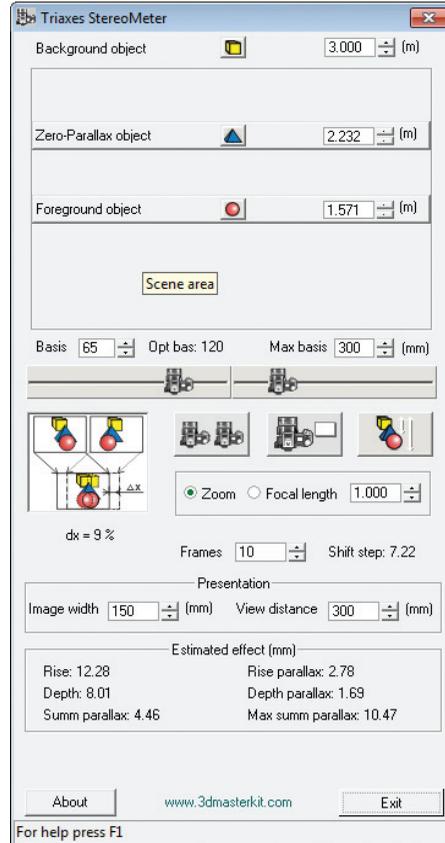
3DMasterKit creates 3D images out of a single layered 2D image. The program allows users to arrange layers in Z-order and customize the intensity of 3D effects. 3DMasterKit also uses a depth map for each separate layer to build up a natural 3D effect.

## STEREO PHOTO

3DMasterKit enables lenticular 3D photo printing of multiview stereo sequence generated by StereoTracer out of stereo-photo.



# StereoMeter



SAVE YOUR TIME AND ENERGY  
TO FOCUS ON THE SHOT INSTEAD  
OF SEARCHING FOR 3D SETTINGS  
WITH TRIAXES STEREOMETER.

## TARGET CUSTOMERS

This quick and easy-to-use tool gives stereographers and directors full control of how to play on the depth composition.

## OUTPUT

StereoMeter saves and loads complete settings for further processing in 3DMasterKit.

## EASY TO LEARN

Just enter a few parameters (like distances in the set or the kind of lens you use) and Triaxes StereoMeter will calculate the depth effect and convergence, limiting calculations to user-definable maximum screen parallaxes.



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