



3D Photo

by Intelligent Gadgets

Take 3D pictures on your iPhone/iPod Touch

Normally you need a special camera with two lenses to take 3-D photos. Intelligent Gadget's 3-D Photo uses the motion of the camera to generate the 3-D effect – known as "structure from motion" in geekspeak.

How to use:

To take a 3-D picture, press "Start", and move the camera smoothly left to right or right to left. The faster you move the camera, the greater the 3-D depth. This may also blur the image if you move too quickly, particularly in low light conditions.

After taking a picture, the app automatically determines the camera motion, and renders a 3-D picture on the screen.

The picture can be viewed either as cross-eyed stereo (see instructions below for how to do it), side-by-side

stereo (requires stereoscope), a black and white anaglyph, or a color anaglyph (requires colored glasses). Tap the upper right button to change the rendering mode.

The picture is not automatically saved. To save it, tap “Save” (duh). The picture is saved with a name that is the date and time the picture was taken. Once a picture is saved it can be re-rendered in any of the four ways mentioned above.

Tap the “<” and “>” buttons to see saved pictures in the app’s camera roll.

Pictures are deleted by tapping “Delete”. Touch “Email” to send a picture along with instructions for how to view it.

You can download saved left/right stereo images to your computer via iTunes File Sharing. (Go to iTunes, select your device, press Apps at the top, and scroll down to File Sharing at the bottom. Select 3-D Photo, and drag any or all of the pictures to your computer.) These are the raw images that are used to render cross-eye, side-by-side, and anaglyphic stereo images.

The app also takes pictures using the front camera if it is available on your device (iPhone 4/iPod Touch 4G).

“Cross-eye” 3-D Stereo Viewing:

Hold the device at arm's length and look over the top of the screen at a distant object.

Without lowering your gaze notice the two images now seem to overlap to form a third image between them.

Keeping your eyes relaxed and focused in the distance, shift your attention (but not your eyes) to that third, middle image.



Our new app, 3D Movie, takes 3-D movies using the same principle as 3D Photo.