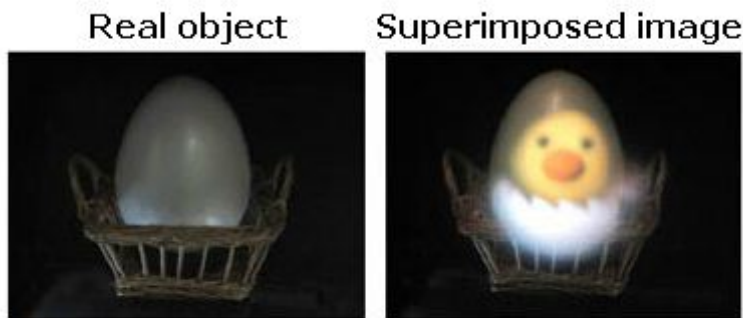


## Hitachi Projects 3D Image on Real Object

Written by Bob Snyder  
11. 10. 2011

---



A 3D image superimposed on a real object

Hitachi Ltd. develops a technology to project a 3D image in real space, superimpose that image on an object and makes it possible for several people to see the 3D image without special glasses.

The technology displays a 3D image created with 24 projectors in real space by using several lenses and translucent half mirrors. Hitachi expects this will be used for digital or digital signage, design verification, skill trainings in the manufacturing and medical fields, etc.

At CEATEC Japan 2010, Hitachi showed their **Full-parallax 3D Display Technology** which enables you to view a 3D image from wide vertical and horizontal angles (horizontal view angle of 60° and a vertical view angle of 30°)

The secret sauce? Hitachi says the depth resolution was improved by 1.6X so it can display natural 3D images.

Oh, did we mention this? When the object is moved, the camera sensor can detect the new location and the new angle of the object, follow it, and superimpose the image as it changes location.

Go [Hitachi's Full-parallax 3D Display](#)