

## Toshiba LED Brings 2D and 3D Views Together

Written by Bob Snyder  
28 February 2011

---



At ISE 2011, Toshiba showed its LED wall technology (for use in either indoor or outdoor) that displays an image you can see simultaneously in conventional 2D or put on passive 3D glasses and...poof...it's 3D.

Without special glasses, the 2D image is normal. When you wear 3D passive glasses, the image is perceived in stereoscopic 3D.

Technology was developed with Chroma3D Systems and depends upon a RGBY system where each pixel is composed of Red, Green, Blue and Yellow subpixels. The depth information comes from using the Y pixels.

One lens in the glasses transmits certain portions of the red, green and blue spectrum and the other lens transmits only yellow.

## Toshiba LED Brings 2D and 3D Views Together

Written by Bob Snyder  
28 February 2011

---

The resolution of both the 2D and 3D images appears the same, as does the brightness.

Toshiba isn't yet talking about the marketing and sales (which will be necessary as many ISE visitors walked by, thinking it was just another 2D display) and we can't find any web page yet.

Go [Toshiba](#)