

3D Timing Controller Serves Naked-Eye 3D Panels

Himax Technologies, today unveiled an industry-leading 3D timing controller ("3D TCON") for naked-eye 3D panels, suitable for handheld applications including tablet PCs, digital photo frames, portable DVD players and gaming devices. This newly-launched product is equipped with a 2D to 3D conversion feature, enabling user friendly 3D depth adjustment to offer a more comfortable 3D viewing experience.

Jordan Wu, Chief Executive Officer of Himax Technologies commented, "In 2010, Himax first introduced its unique 2D to 3D conversion technology, which utilizes human visual perception characteristics to convert 2D images into 3D formats in real time. This innovative product has since been adopted by first-tier Japan and China TV brands. In 2011, Himax further integrates this industry-leading 2D to 3D conversion technology with timing controller, a key component of flat panel displays, to bring added value to our customers. We believe that this innovative 3D TCON product is the best 3D solution for portable devices and we expect wide adoption from tablet PC and consumer electronic product manufacturers."

Mr. Wu continued, "Featuring a small form factor, lower power consumption and low cost, Himax's 3D TCON provides a total solution for hand-held naked-eye 3D devices. The 3D TCON supports HDMI 1.4 3D format as well as converting different 3D input sources into 3D format suitable for all 3D displays, without usage of an extra chip or software. Moreover, the compact algorithm enables real-time 2D to 3D conversion. Also since eliminating the need for glasses, the 3D panels provide a much more comfortable naked-eye viewing experience for consumers. Furthermore, Himax 3D TCON supports both 120Hz and 9 view image output, suitable for various naked-eye 3D technologies including lenticular, barrier-type and direct-lit backlight. We feel that the 3D TCON will become mainstream for 3D displays moving forward and we are already seeing adoption by numerous panel and systems makers. Products featuring Himax's 3D TCON technology are expected to hit the market beginning in the second half of 2011."

For more information about Himax Technologies, visit www.himax.com.tw [1]

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