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Triteq designs open source 3D imaging software

Richard Wilson
Thursday 09 September 2010 11:37

Triteq has completed an open source design for a medical 3D imaging system capable of taking eight 5Mpixel images a second.

The Berkshire-based design house developed an open source image driver, using Linux, to channel the real-time images to the screen to produce the stereo image.

This is the first time the company has used open source Linux based software for 3-D image processing.

The medical imaging system obtains 3-D images by taking four pairs of 5 megapixel images per second.

For hardware, Triteq chose an i.MX515 microprocessor from Freescale built into a Wi-MX51 module from Digi International, running Linux from Timesys.



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