

3DV Systems ZCam Revolutionizes Gaming & Electronics

December 15 2007, by Mary Anne Simpson



3DV Systems has developed the ZCam. The camera is a low cost 3D PC camera that promises to revolutionize gaming and consumer electronics interfaces. It senses depth in real-time and has the capability of fine-gesture recognition. It is designed for use in gaming interfaces and consumer electronics.

The ZCam is the latest innovation by 3DV Systems of Israel. 3DV Systems is dedicated to revolutionize the three-dimensional video imaging industry. It is recognized as a world leader in proprietary technology which enables cameras to capture the depth dimension of objects in real-time with high speed and high resolution. The ZCam is a low cost 3D PC camera designed for next generation consumer electronic products.

According to 3DV Systems, the release of the ZCam will initially target the PC and video game industry. However, the technology is applicable to robotics, automotive and other consumer electronics. The company says the ZCam is the first camera to allow users to become totally immersed in the interactive experience. According to 3DV Systems CEO, Zvika Klier, "ZCam allows gamers to interact intuitively and naturally with games." In addition, Klier invites all content developers to join their efforts to create an innovative experience.

How It Works:

The ZCam has real-time depth imaging that runs at 60 frames per second. This feature eliminates any perceived latency in the images. It operates in a low CPU consumption level. This eliminates operating systems being drained of processing power. The ZCam operates independent of room lighting and therefore can run in day light or night time light. The company warrants the ZCam has the highest resolution on the market today. Additionally, the ZCam comes in a sturdy casing for protective and safety concerns.

In practice, the ZCam allows user to become the interface. The navigation can be determined by a motion of the thumb or the entire body. The player can be represented in the game with their real-time image. Another feature allows gamers to operate the game bare-handed or by using an object. Thus obviating the need for a control pad.

What's In The Box?

The ZCam comes with a Software Development Kit that will allow amateur or professional developers to improve or create games and other innovations. The ZCam will be on show, January 7-10, 2008 in Las Vegas at the Consumer Electronics Show.

Citation: 3DV Systems ZCam Revolutionizes Gaming & Electronics (2007, December 15)
retrieved 10 April 2024 from
<https://phys.org/news/2007-12-3dv-zcam-revolutionizes-gaming-electronics.html>

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