

New technology for HDTV-recording

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At the NAB exhibition April 20-23 in Las Vegas the Fraunhofer IIS shows the new compact stereo MicroHDTV camera and a small-sized storage solution for HDTV.

It's time for a new perspective. It's time for mobile 3D.

At the NAB exhibition April 20 - 23 in Las Vegas the Fraunhofer-Institute for [Integrated Circuits](#) IIS shows the new compact multiformat camera MicroHDTV a mobile stereo camera set-up.

The small size of the Fraunhofer HD camera MicroHDTV of 80x40x40 mm allows to put two cameras on a tiny side-by-side rig for mobile stereo 3D shooting. The cameras are synchronized via integrated genlock functionality. The MicroHDTV camera can be used for steadycam set-ups or panoramic 3D applications.

At the exhibition the Fraunhofer-Institute for Integrated Circuits IIS also presents a small-sized storage solution microStorage of 3.3 inch x 3.3 inch x 1.6 inch. The microStorage is suited for so-called point-of-view cameras like e.g. the Fraunhofer IIS compact multiformat camera MicroHDTV.

Recording HD or SD image data compressed in H.264 high profile L4.0 format on compact flash cards, this small recorder is ideal for mobile broadcast applications where space or heavy weight is a restricting factor. microStorage supports also audio recording. The recorder is easy to handle, has a power consumption of 5 watt and supports a wide range

input voltage of 9-36 V. Additionally the coded data stream can be transferred for broadcast application via standardized ASI (Asynchronous Serial Interface)-protocol.

Source: Fraunhofer-Gesellschaft ([news](#) : [web](#))

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