#### **Press release**

Obersulm, 03/11/13

IDS extends Ensenso N10 camera family

**New models of the stereo 3D camera**

**with focal lengths from 3.6 to 16 mm**

**IDS is extending the Ensenso N10 camera range with a series of additional versions with different focal lengths. A total of 24 models of the compact stereo 3D camera with USB 2.0 interface are now available. The available focal lengths of 3.6 to 16 mm can cover a wide range of distances and sizes. The free software interface supplied makes them easy to integrate into your own application programs.**

Ensenso N10 cameras are equipped with two global shutter CMOS sensors and an integrated projector, which projects a random pattern of dots onto the object to be captured. This "Projected Texture Stereo Vision" method also allows you to capture untextured surfaces and, unlike other 3D methods, can also function in multi camera mode. The camera can capture stationary objects and live images of moving objects.

In spite of the two sensors and the integral projector, the stereo 3D camera measures just 150 x 45 x 45 mm. With a robust aluminum housing and a GPIO connector for 12-24 V hardware trigger, input and output, the camera is highly recommended for industrial applications. These features are backed up by the screw-in 3 pin M8 sensor/actuator connector and the screw-in USB connection.

The Ensenso N10 is a compact, synchronized system that is easy to be integrated and provides metric 3D data "out of the box". No additional calibration is required.

Image:

New models of the  
**Ensenso N10** stereo 3D camera with focal lengths from 3.6 to 16 mm

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