



Alrad Imaging Newsletter January/February 2007

The IPOT/Machine Vision exhibition is almost upon us once again. Don't forget to visit the Alrad stand in Hall 10 Stand D30 where you can meet experts from Panavision SVI, Z-laser and Sentech. Many of the items listed below will be on display at IPOT (NEC 14/15th February 2007) so why not come along to see us.

In this issue are features on:-

- **Panavision CMOS sensors**
- **Machine Vision Lasers from Z-Laser**
- **Honda Camera Cables**
- **ZPS-1000 2D/3D laser profile system from VDS Vosskuhler**
- **Low cost USB2.0 cameras from Sentech**
- **New CIS lighting dome from Volpi**

New style Alrad web site

Have you seen our new style web site yet? No, then click the link below
www.alrad.co.uk

Panavision CMOS sensors

Panavision offer a family of linescan CMOS sensors featuring high performance and low cost. Fully integrated, single voltage supply sensors typically need only a CMOS clock and a few control signals to operate. Unlike CCDs, these sensors do not bloom or streak. Most feature multiple readout modes including standard, non-destructive, and adaptive exposure. Non-destructive mode enables multiple readouts of the same integrated signal while adaptive exposure allows readout while integrating. Also available are high performance area scan CMOS sensors.



The QuadHD has 8.3 Megapixel full resolution with speeds of 30 frames per second. And the high sensitivity high dynamic range MDIC-2.0 has a pixel format of 1600 x 1200 at 30fps with integrated image processor. [More Info](#)

Machine Vision lasers from Z-Laser

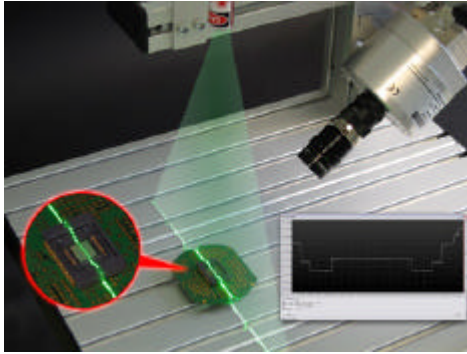
Z-Laser the well respected German manufacturer of laser projectors and 2D laser systems now offer a range of machine vision laser illumination systems. You can download a copy of the Machine Vision catalogue from here. [More Info](#) For details of the latest products on offer click [here](#)



Honda Camera cables



Alrad Imaging can offer a full range of camera cables supplied by Honda Connectors Ltd. Alrad distributes the Honda range of machine vision connectors and cable assemblies. Honda offers a comprehensive range of Camera Link, FireWire and GigE cables including "industrial grade" and HiFlex cables (FireWire, CL and GigE). [More info](#)



ZPS-1000 2D/3D laser profile system from VDS Vosskuhler

The ZPS-1000 is a 2D/3D line profile sensor with high scan rates 500Hz to 2 kHz at 500 pixels/line. There is an adjustable Z-measuring range with resolution +/- 0.05% and measuring accuracy of +/- 0.2% Data output is directly in mm. Ideal for a wide

range of vision applications. [More info](#)

Low cost USB2.0 cameras from Sentech

STC-C33USB VGA, Progressive Scan USB digital camera with 1/3" colour CCD, featuring image capture, 60fps, digital zoom, and feature-rich user based menu set up and control.

STC-C83USB XGA, Progressive Scan USB digital camera with 1/3" colour CCD, featuring image capture, 30fps, digital zoom, and feature-rich user based menu set up and control. [More info](#)



New CIS lighting dome from Volpi



Volpi AG is the leading Swiss manufacturer of lighting systems for machine vision, microscopy and medical illumination systems has extended its lighting CIS lighting range by adding a 200mm LED lighting dome. Volpi have two manufacturing plants one in Switzerland and the other in the USA .They offer a complete line of cold light sources and light guides as well as LED illumination products. The product line is well focussed for the machine vision and microscopy applications. [More info](#)

For more information on any of these products please click on the appropriate "more info" link or talk to our sales staff on **01635 30345** or if you prefer email sales@alrad.co.uk with your requirements or go to our web site <http://www.alrad.co.uk>

Technology advice and information is available on our [FAQs/Applications](#) pages go to our web site <http://www.alrad.co.uk>

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