



## Alrad Imaging Newsletter February 2008

**A regular look at what's new in the world of imaging and machine vision components**

**This month we feature:-**

- **Visit our stand at IPOT/Machine Vision 2008, NEC, Stand 2312**
- **EPIX EC1 laptop PCI Express frame grabber**
- **Sentech 2 Megapixel camera CL202 with USB2.0 interface**
- **Matrix Vision intelligent cameras lead the way**
- **Colour linescan-we have them all**

**Don't miss Alrad at a number of Exhibitions in 2008**  
Click [here](#) for more details

### Visit Alrad Imaging at IPOT/Machine Vision 2008



The IPOT/Machine Vision exhibition will be held in February 2008 at the NEC in Birmingham. This is now a Canon Communications event. IPOT is a complete optical, photonics, vision and displays technology event. It will be held on the 13/14th February 2008. Alrad will be showing the very latest in Machine Vision components, so please be sure to visit us on **Stand 2312**. **More Info**

### EPIX PIXCI-EC1

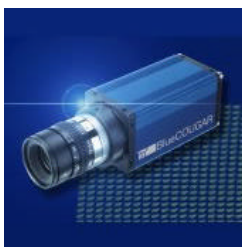
#### PCI Express Notebook Camera Link Frame Grabber

The **PIXCI® EC1** frame grabber supports all Full, Medium, and Base configuration Camera Link cameras with bandwidth requirements of 191 Megabytes (1528 Mbits) per second or less. Compatible with ExpressCard, the mobile PCI Express interface for notebook computers, the **PIXCI® EC1** offers dedicated support to more than 70 of the newest, most advanced, highest bandwidth machine vision cameras.

**More info**



### Matrix Vision –Intelligent camera experts



**Matrix Vision** the fast growing German vision specialist will be well represented on our stand at IPOT/MACHINE VISION 2008 with their range of intelligent cameras.

**Matrix Vision's** impressive product line up includes the **mvBlueLYNX** the intelligent camera and video sensor. The **mvBlueFOX** industrial CCD and CMOS cameras with Hi Speed USB interface. The latest addition is the **mvBlueCOUGAR** an industrial CCD and CMOS camera series with Gigabit interface. **More Info**

## SENTECH 2 Megapixel camera with USB2.0 Interface

**Sentech** the well known US manufacturer of Machine vision cameras has introduced the STC-C202USB-AT. This camera is also available uncased for OEM applications as the STC-C202USB-BSCS. The camera is progressive scan and uses a Sony CCD sensor with a pixel resolution of 1628 x 1236. More information on this exciting new development can be found on our web site. [More info](#)



## If you are looking for colour linescan we have them all.

**Alrad Imaging colour linescan product line up is indeed impressive.**

Firstly we offer the new **e2v AViiVA GigE Vision UC2** camera which has been designed with three concepts: accuracy, versatility and easy implementation, while it features a compact housing design (56x60x40.6mm). The camera incorporates sensors from 512 to 4096 pixels (10µm or 14 µm).

Next comes a new multiwavelength camera from **e2v** the **ELiXA 4096** pixel camera, which is the ideal candidate for the most demanding applications requiring multi wavelength detection (including NIR).

Using **e2v's** unique technology, the CCD sensor features unmatched performance: line rate of 18KHz, row spacing of two pixels center to center, enhanced blue response and three lines (RGB) or four lines (RGB plus a fourth line either monochrome or NIR).



Furthermore, on display at IPOT will be a demonstration of the **TVI colour linescan camera** incorporating three linear CCD sensors bonded to the respective colour output ports of the prism enabling independent detection of red, green and blue signals. The colour signal is digitally converted to 10 or 12 bits per channel output. The camera has 3 x 512, 1024 or 2048 pixel resolution. The 512 pixel model outputs at an amazing maximum scan rate of 65,000 lines/second.

While mentioning demonstrations at the show don't miss the popular **VDS Vosskühler Digital Infra red Imaging Camera NIR-300** with 320 x 256 pixels and spectral response of 0.9 -1.7 micron, available with either camera link or GigE vision interfaces.

For more information on any of these products please click on the appropriate links or talk to our sales staff on **01635 30345** or if you prefer email [sales@alrad.co.uk](mailto: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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