

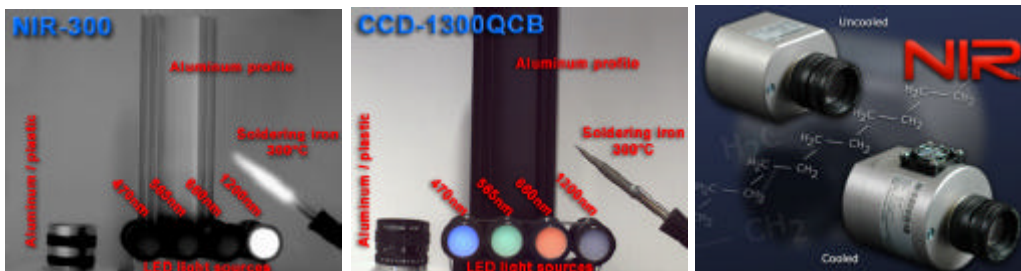
A regular look at the world of imaging and machine vision components

This month we feature the major products we will have on display at PHOTONEX this year :-

- **Near Infrared camera with 320 x 256 pixels and Camera Link or Gigabit Ethernet interface**
- **Matrix Vision industrial BlueCOUGAR-S GigE camera**
- **SENTECH 2 Megapixel camera with USB2.0 Interface**
- **Panavision DLIS-2K & 4K Image sensor**
- **Photonex 2008**

Near Infrared camera with 320 x 256 pixels and Camera Link or Gigabit Ethernet interface

The VDS Vosskuhler NIR-300 is an infrared camera with a spectral range of 0.9 – 1.7 μm . This digital camera incorporates a 320 x 256 InGaAs sensor with a 14 bit readout at 50 frames/sec (or 100 frames/sec. with the NIR-300F version of the camera). The camera is available with either Camera Link or Gigabit Ethernet. The camera can be delivered as an uncooled version or with a peltier cooler allowing longer exposure times. Applications include near-infrared imaging, thermal imaging of hot objects (in a range of 150°C to 800°C), imaging spectroscopy, laser beam profiling, semiconductor inspection, water or moisture detection, medical science and biology and vision enhancement



NIR- 300 Camera image

Standard visible camera image

[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](#)**



Matrix Vision industrial BlueCOUGAR-S GigE camera.



Bring speed and power to your industrial vision application with the Matrix Vision mvBlueCOUGAR-S which is a compact and flexible industrial Gigabit Ethernet camera compliant to GigE Vision and GenICam. The Gigabit Ethernet interface transfers high data rates over long distances using inexpensive standard network parts. The camera allows an easy integration in the environment and supports the application to deliver faster and better results. The BlueCOUGAR-S is available with both monochrome and colour CCD sensors. The camera has variable electronic shutter capability and hardware and software triggers.

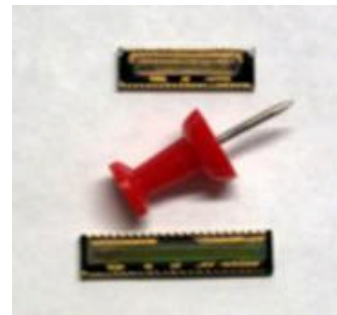
Three resolution options are offered 640 x 480, 1024 x 768, 1360 x 1024 pixels. [More Info](#)

Panavision DLIS-2K & 4K Image sensor

RE-CONFIGURABLE LOW COST CMOS DIGITAL LINE-SCAN IMAGE SENSORS

The DLIS-2K and the DLIS-4K re-configurable line scan CMOS image sensors

feature oversampling for enhanced sensitivity and High Dynamic Range (HDR) imaging. The DLIS-2K and 4K sensor consists of 4 independently selectable and resettable rows with 2080 or 4096 optical each and a high resolution mode of 4160 or 8192 pixels each respectively. These Sensors To Be Used In Spectroscopy, Barcode, Touch Screen, OCR, Machine Vision, Measurement, And Other Applications. [More info](#)



Photonex 2008

The popular Photonex exhibition is being held at its normal venue, the Stoneleigh Exhibition Halls in Coventry on October 15th and 16th 2008. As usual the Machine Vision and Imaging Sciences exhibition will form part of Photonex. **MVIS** is an integrated event within the PHOTONEX exhibition, now in its 8th year. It is well established as the UK's vision showcase event. Also the UKIVA will be running its usual [machine vision imaging seminars](#) so please come along and see the latest technology has to offer and be sure to visit the Alrad Imaging stand C43. We will be pleased to meet you and discuss your individual requirements. [Registration](#) for Photonex is free.

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 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. You have been sent this email because at some time in the past you have given us your email address. We hope you find the information both useful and informative but if you do not wish to receive further copies of the newsletter please reply to the email and type the word "unsubscribe" in the subject box and you will be deleted from our mailing list. All trade names and registered trade marks acknowledged.

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