

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

This month we feature:-

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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](#)

Clever Dragon power over Camera Link cameras

The Toshiba Teli CleverDragon series cameras are available in B/W with resolutions ranging from VGA to QSXGA quality. The series offers the advantage of the Camera Link interface (PoCL: Power over Camera Link except CSCQS15BC23), which integrates the power supply, high-speed image transferring, and camera control all in one cable. With its built-in all pixel data readout CCD, this series can read out image data in from 1/90 seconds (VGA Model: CSCV90BC3) to 1/15 seconds (QSXGA Model: CSCQS15BC23). The series is ideal for machine vision applications, because the camera body is ultra-compact and light-weight, which frees the user from integration space problems. [More Info](#)





Sentech Cube Cameras- industrial cameras in a small case.

The new SenTech "cube" series of machine vision cameras offer the very latest in compact camera technology at three levels of sophistication: interlaced analogue, progressive scan analogue and progressive scan digital CameraLink, the latter two types offering resolutions ranging from VGA to UXGA (2Mpix). The extra-compact size of just 28x28x40mm makes them ideal for a wide range of machine vision and industrial applications. CL cameras use miniCL connector and have colour versions. All cameras are fitted with C mount. **More info**

SENKO lenses for machine vision applications.

Senko ADL is a manufacturer of quality yet economical CCTV lenses for machine vision and security. Senko product highlights include megapixel fixed focal (including new 1" format F0.95) and high performance IR (Day/Night) vari-focal lenses. **More info**



Re- configurable low cost CMOS digital line scan image sensors

Panavision Imaging LLC has announced the DLIS-2K and the DLIS-4K re-configurable line scan CMOS image sensors. The sensors feature oversampling for enhanced sensitivity and high dynamic range (HDR) imaging. The sensor consists of 4 independently selectable and resettable rows of either 2080 or 4096 optical each and a high resolution mode of 4160 or 8192 pixels each respectively. Three rows feature 4 micron square pixels and the 4th row features 4 micron wide X 32 micron tall pixels. These sensors offer very high performance at a low cost and combine high sensitivity, high speed, and versatility to address many applications and markets including scientific, automotive, consumer, and others. These sensors can also be used in spectroscopy, barcode, touch screen, OCR, machine vision, measurement and other applications. Sensor evaluation boards available for development work. **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.

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