
Let your image processing application benefit from intelligent cameras, hardware and software.

MATRIX VISION supplies a broad spectrum of high performance industrial imaging products. Apart from its traditional product range of frame grabbers handling different types of input signals the company has in recent years developed a comprehensive range of intelligent cameras. These include the mvBlueLYNX which utilises efficient PowerPC processors and Linux. The industrial cameras mvBlueFOX and mvBlueCOUGAR are compact CCD & CMOS solutions for any PC with USB or GigabitEthernet ports.

The outstanding products include:-

mvBlueCOUGAR-X family.



This family is a new ne-X-t generation Gigabit Ethernet camera. The cameras are fully compliant to the latest revision of GigE Vision® and GenICam™ standard and make use of the latest building blocks such as large FPGA, high resolution analogue front ends and supporting components. Matrix Vision has packed an X-traordinary amount of features in one of the smallest yet rock solid housing in the industry.

The family contains a full range of CCD and CMOS sensors, from VGA up to 5 megapixel resolution. Image quality is digitized with precision-analogue front ends with up to 14 bit resolution (CCD sensors).

The cameras can be used for a wide range of applications including machine vision, life science and medical to name but a few.

mvBlueLYNX



The new mvBlueLYNX design with its fast PowerPC processor covers video sensor and intelligent camera applications. Easy development and smooth integration in your network offer a significant reduction of time-to-market for image processing solutions. The compact, integrated design forms the base for reliable usage in harsh environments.

mvHYPERION-32R16

Digital Video Surveillance systems are the application area of mvHYPERION-32R16. Due to the size of a standard PCI Express® board, the frame grabber is used like a normal PC board and can also be mounted via PCI Express® adapter to an IBM BladeCenter®.

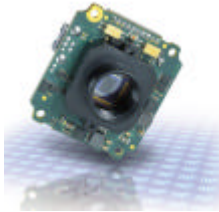


mvBlueFOX

The mvBlueFOX is a compact industrial CCD & CMOS camera solution for any PC with USB ports. A superior image quality makes it suited for most applications. The driver in combination with the FPGA represents a perfect team which reduces the PC load to a minimum during pre-processing's like Bayer colour conversion. The standard Hi-Speed USB interface guarantees an easy integration without any additional interface board.



mvBlueFOX-MLC



The mvBlueFOX-MLC module is a fully featured compact single-board camera perfectly targeted for space and cost sensitive OEM applications. A superior image quality in combination with a very high frame rate make the camera ideally suited for embedded applications. The driver in combination with the FPGA represents a perfect team which reduces the PC load to a minimum

mvIMPACT

mvIMPACT is a comprehensive library with high performance algorithms for fast image processing. The library offers a software architecture designed for the future with an object oriented design.

OEMs and system integrators can easily use a huge number of functions for acquisition, processing, enhancement and measurement in their own application. mvIMPACT supports all MATRIX VISION frame grabbers as well as the intelligent camera **mvBlueLYNX** and the standard cameras **mvBlueFOX** and **mvBlueCOUGAR** in an optimum way.



For more information on all of these products go to our web site via the following link [Matrix Vision Intelligent cameras](#) or call 01635 30345 now



Visit Alrad at the Total 2010 – Processing and Packaging Exhibition Hall 5, NEC Birmingham 25 -27th May 2010, on Stand 5940F

Total 2010 UK's premier Processing and Packaging expo takes place at the NEC Birmingham between 25-27th May 2010. Alrad will be exhibiting on stand 5940F in conjunction with Product Technology Partners. Please come and visit our stand and discuss your requirements with one of our technical sales staff. We will be running a number of demonstrations and also have other products on display which we are sure you will find interesting so please call by our stand. We look forward to seeing you. [Register now.](#)

**ALRAD INSTRUMENTS LTD, Alder House, Turnpike Road Ind. Estate,
Newbury, Berkshire, UK, RG14 2NS Tel.: +44(0)1635 30345 Fax: +44(0)1635
32630 Email: sales@alrad.co.uk Web: www.alrad.co.uk**
