



Alrad Imaging Newsletter October 2007

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

This month we feature:-

- Photonex 2007
- New GigE camera
- VDS Vosskuhler launch the IRC320 Infrared camera
- GIP1000 GigE Camera adapter for all VDS Cameras
- New industrial grade Gig E Camera cable
- Micro cameras from Panasonic
- Scion 2 Megapixel camera for Mac and PC

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

Photonex 2007 - a date for your diary

Photonex 2007 will be held at Stoneleigh Park, nr Coventry on 17th and 18th October 2007. Click [here](#) for more information.

Alrad will be there, showing a wide range of LED lighting as well as many cameras, including VDS Vosskuhler NIR-300 and Teli FireDragon IEEE1394b, both previously featured in our newsletter. We also expect to have a completely new GigE camera, from a new manufacturer, making their debut in UK. Please come and visit our stand C30 at Photonex!

VDS Vosskuhler expand its IRC 300 Series camera range.

VDS Vosskuhler has extended their infra red camera range. Following on quickly after the



introduction of the IRC-300 comes the IRC-320.

The IRC-300 series cameras are designed for applications in the automation, quality and process control as well as for scientific research and development.

The IRC-320 camera features an uncooled microbolometer detector (8 - 14 μm (LWIR)) and is able to resolve temperature distinctions smaller than 80 mK in an range from -20 to +80 °C @ F/1.0., compared to +20 to +200 °C range for IRC-300.

At a frame rate of 40 Hz the camera delivers excellent, noise-free and high-resolution images with 320 x 240 pixels. The camera has built in shutter and image pre-processing module. Now three different versions of the IRC300/320 are available, with choice of interfaces. **More info**

New Honda GigE camera cable

We are pleased to announce the introduction of a superior Gigabit Ethernet cable, with specifications exceeding Cat 6. GEV1000 cable (manufactured by Northwire) is particularly suited for industrial environments: it is of HiFlex grade, rugged and with external sheath resistant to mechanical and chemical damage. The RJ45 connectors can be specified as industrial Cat6 or thumbscrew locking.

More Info

GIP1000 GigE camera interface for all VDS cameras



The GIP1000 Gigabit Ethernet adapter suits all cameras from VDS Vosskuhler. It is based on the tried and tested Pleora technology. This adaptor is manufactured to GigE Vision standard and allows camera cable lengths up to 100m (expandable with switchers). Conversion is from 8-12 bit RS644 to Gigabit Ethernet (1000Base-T). Integrated image processing is available for some cameras

More Info

Panasonic micro cameras

Panasonic are back in the special video applications market. The current product line-up includes a comprehensive range of micro camera equipment, many with remote heads, suitable for varied applications such as medical (hospitals, surgeries, and dental practices), industrial (quality control, inspection) and life sciences (research facilities, laboratories).

More Info

Scion 2 Megapixel camera for Mac and PC

Scion is one of the few companies that offer software for cameras and frame grabbers under MAC as well as PC operating systems. The CFW -1600 series cameras are high-resolution single chip colour/monochrome digital cameras well suited to a variety of bright-field as well as low-light scientific imaging applications. The camera interfaces with both desktop and notebook computers through the convenient IEEE-1394a (FireWire) interface. The cameras come with several software support options. Scion VisiCapture is a full-featured application for controlling the camera and capturing and saving images. Also provided is a TWAIN module for using the camera inside of popular applications such as Adobe Photoshop and Image/J. Software is compatible with Windows 2000, XP, and Vista, and Mac OS X. The CFW -1600 series comes with a 6 pin IEEE-1394a cable with a 4 pin adapter available on request for use with notebook computers. **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>

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.

Alrad Imaging, Alder House, Turnpike Road Industrial Estate, Newbury, Berkshire, RG14 2NS, Tel No: 01635 30345, Fax No: 01635 32630, Email: sales@alrad.co.uk, Web: www.alrad.co.uk