ALRAD Instruments Newsletter

March 2025

Welcome to our March 2025 Newsletter.

In this month's issue we focus on:

- Alrad services – proof of principle testing, demonstrations and loans
- New product releases from Sekonic, Kowa and The Imaging Source
- 2025 events

ALRAD SERVICES

Alrad's internal expertise and partnerships with world-leading technology providers enable us to offer additional services to our customers, including:

- Proof of concept testing – we regularly undertake testing at our Newbury office in response to customer queries, such as trialling potential solutions to ensure they achieve the desired outcome, or combining multiple elements (vision systems, lighting and software, for example) to find a bespoke solution
- Product demonstrations – we can organise virtual or onsite product demonstrations, as well as welcoming customers to our office
- Loans - we can arrange loans of both our stock demo items and products from our wide network of partners

For more information on our additional services please contact our team to discuss your unique requirements - we will be happy to help with any questions!

NEW PRODUCT RELEASES

Sekonic C-4000 Spectrometer

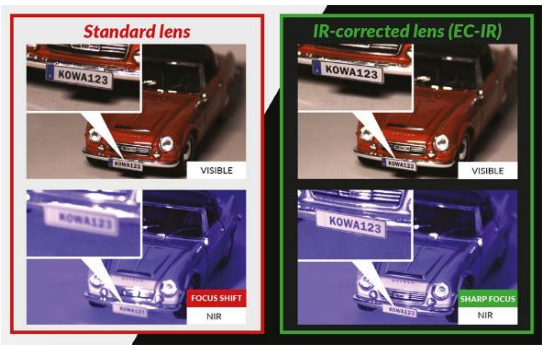
Introducing the new C-4000 Spectrometer from Sekonic Corporation: industry-renowned, precision light measuring technology now with the flexibility and convenience of smartphone/tablet control.

Designed specifically with the lighting designer and field technician in mind, the C-4000 is a compact, lightweight, sophisticated and affordable solution, with more flexible and real time on-location data sharing than any other system on the market.

Kowa FC24M Macro Lenses

The 75mm and 100mm FC24M lenses from Kowa feature a minimum object distance of 15cm, making them ideal for intricate macro applications such as the detailed inspection of small electronic components or medical imaging. They feature a large image size of Φ17.6mm and a floating mechanism system that ensures sharp images across the entire focus range. The optics are also coated with a wide-band multi-coating that minimises flare and ghosting.

Kowa EC-IR Lenses



The EC-IR lens series offers versatile, high-performance optics for applications such as traffic control, machine vision, and geo-mapping. Designed to meet diverse imaging needs, these lenses feature a 1.2” large sensor format and 24MP resolution, ensuring ultra-sharp images in demanding environments. The EC-IR series benefits from high transmission IR-correction which minimises chromatic aberrations and maintains clear images across visible and infrared spectrums, ensuring high-quality results even in challenging conditions.

IC Capture 4 from The Imaging Source

Powerful new end-user application IC Capture 4 from The Imaging Source - for image acquisition, image pre-processing and measurement, enabling rapid and user-friendly evaluation and integration of The Imaging Source's cameras into a range of applications including computer vision, machine vision, microscopy, and robotics.

UPCOMING EVENTS

Automation UK – CBS Arena, Coventry 7th – 8th May 2025

Alrad Instruments are returning to Vision at Automation UK 2025 - the heart of innovation in automation, robotics and vision technology.

Register for free and visit the ALRAD team on stand C122, where we'll be showcasing a wide range of imaging products designed for automation and machine vision applications, including innovative hyperspectral and high-speed cameras, lenses, specialist lighting and bespoke software. We look forward to seeing you there!

PPMA Total – NEC, Birmingham 23rd – 25th September 2025

PPMA Total is the UK's largest event for Processing equipment, Packaging machinery, Industrial robots and machine vision systems.

We're excited to be returning for another year to this industry-leading event! Registration is free, sign up today and drop by the Alrad Instruments stand A77 – we'll have live demonstrations from our range of imaging products tailored specifically to machine vision and automation applications.

Food Manufacturing Live – National Agricultural Exhibition Centre, Stoneleigh Park 15th October 2025

Co-located with Machine Building Live, Food Manufacturing Live is the UK's only specialist event staged exclusively for companies manufacturing, packaging or processing food and drink products.

We'll be co-exhibiting for the first time at this 1-day event with our partners Living Optics on stand 17, alongside more than 100 global leaders showcasing the latest innovations and technologies for more efficient food and drink packaging and production.