

Dear Reader,

What a year! Normally we would be travelling a lot during September/October to meet our customers, watch out for new applications, or exhibit our products. Actually we were pretty excited to showcase the new ALEX and ELSE cameras we introduced in the last newsletter... So what are we doing instead? Well, it comes at no surprise that we are trying to virtually touch base with both, customers and the community. This way we hosted our first Webinars. I'm happy to announce that the next one is happening on this Thursday, please see below and don't miss it!

Furthermore I'm excited about the start of a promising business cooperation in the U.S. which will help greateyes to grow further and help our U.S. customers with professional support.

Sincerely yours
Roman Kemmler
CEO

Webinar Announcement

- "Greateyes CCD Cameras: State-of-the-art Imaging and Spectroscopy"

On October 29th Axiom Optics and greateyes are inviting you to a joint webinar about "greateyes CCD Cameras: State-of-the-art Imaging and Spectroscopy". The event will feature a LIVE DEMO of electroluminescence (EL) measurements of solar cells with a NIR-sensitive ELSE CCD camera.

Both Axiom Optics and greateyes build solutions around optical detection systems under challenging conditions. Besides detailed introduction of the technologies, a strong focus will be put on applications.

We hope you will learn more about smart methods to measure light as well as on how to boost image and data quality in the NIR, VIS, UV, EUV, and X-ray spectral range.

The webinar starts at 1 pm EDT resp. 10 am PDT and is free of charge. You can use the live chat to ask questions. Following the presentations we will try to answer as many questions as possible.

Be quick and please register using following link. We are looking forward to your attendance.

[REGISTER HERE](#)

Growing Global Network

greateyes is constantly trying to improve service for its customers. Providing professional, quick, and direct support is not always an easy task if your customer base spreads over the globe. Hence we are constantly seeking new partners with proven track record and excellent expertise in the field of imaging and spectroscopy. We are very happy to announce that [Axiom Optics](#) has been selected to become our distributor in the USA.



The company is an added value North American distributor, providing high-end optical instrumentation and technical support to researchers and engineers in academia, industry and government organizations.

To identify your point of contact please see our [world map](#).

Introducing ALEX-i 2k2k plus



Recently we have developed a highly customized camera which we believe other applications could benefit from as well. Please meet our ALEX-i 2k2k plus camera. It has 2048x2048 pixel, 15µm pixel size. Larger pixels lead to a better full well capacity.

When paired with low noise electronics and 18bit digitisation this is boosting the dynamic range of the camera. The camera features four readout ports for high frame rates. The ALEX-i 2k2k plus has Air and Water cooling.

We can accommodate special requests same as for the camera delivered recently. The application required a customised sensor position, as the light will be measured at a very large incident angle. To achieve this, we made it protruding from the flange and also tilted it. Expertise and persistency of our engineering team ultimately lead us to success in this very challenging project.

This ALEX-i 2k2k plus camera is now included in our product portfolio as standard product (as a version without sensor adaptation). Please inquire about customization requests.