

Press Release

Laser 2000 Announces Partnership with Optomotive, manufacturer of High-Performance FPGA-Based Modular Intelligent High-Speed Cameras

Wessling, January 15th, 2025, Laser 2000 GmbH, the foremost provider and distributor of photonics solutions across Europe, today announced a strategic partnership with Optomotive, Mechatronics Ltd.

Founded in 2008, Optomotive, based in Slovenia, has established itself as an innovative designer and manufacturer of high-performance cameras. Their product lineup includes advanced 3D cameras designed for laser triangulation applications, high-speed cameras equipped with diverse sensors from Sony and Gpixel, and models with 10GigE camera interfaces. With the ability to tailor cameras to precise client specifications, Optomotive is a perfect addition to Laser 2000's comprehensive offerings.

Optomotive's European-made cameras stand out for their customization options, including fully programmable FPGA functionality. This allows users to add custom features when standard functionalities, like 3D laser triangulation, blob detection, or data compression, need to be expanded.

As a leader in photonics expertise, Laser 2000 advises clients on tackling complex innovations and advancements in applied physics. This partnership brings together two industry pioneers known for driving technological progress and delivering tailored solutions that meet ever-evolving market demands.

Benoit Ostiz, Territory Sales Manager at Laser 2000, commented: "Optomotive's product range is exceptional, offering customizable models that address clients' specific needs. Options include board-level versions or specialized housings to ensure precise mechanical alignment. Users can further customize functionality by programming the FPGA themselves or with our support. This unique, European-made solution stands alone in the market, perfect for clients who expect more from their cameras."

"Our cooperation with Laser 2000 opens new opportunities to share our rich expertise and our customizable products. This will provide customers with best-in-class technologies and service," says Dr. Ales Gorkic, CTO.

[267 words/ 1,988 characters incl. spaces]

This Press Release is also available in German and French.

About Laser 2000:

Since 1986, Laser 2000 has been a leading provider of solutions and distribution services in the field of photonics across Europe.

Our team of experts empowers customers to unite technologies from across the entire photonics spectrum and to apply them to the industries and research of tomorrow.

We maintain a global network of manufacturers of cutting-edge technologies, including both established companies and startups, and support our international partners in entering the European market.

Additional information: **www.laser2000.com**

About Optomotive:

Optomotive designs and manufactures cutting-edge, high-performance cameras and 3D smart sensors based on FPGA technology. The fully programmable FPGAs offer massive computational power enabling image pre-processing inside the camera which substantially reduces the bandwidth and offer most suitable solutions for growing sensor speeds and resolutions. As such Optomotive is an established and trusted supplier to OEMs and system integrators who need high-speed peak detection, high-speed blob detection, RLE compression and other high-speed machine vision algorithms.

In addition, Optomotive provides complete camera and sensor solutions with a standard product line, technical expertise and fully customized solutions.

Additional information: **www.optomotive.com**

Contact:

Nadja Weindl
Corporate Communication & Marketing
Phone: +49 8153 405-58
n.weindl@laser2000.de

- Mail: info@laser2000.de
- Web: www.laser2000.com
- LinkedIn: www.linkedin.com/company/laser-2000