



Cooperation

EOS Optronics GmbH and the University of Applied Sciences in Deggendorf have a long-standing, strong, and multifaceted cooperation in the fields of optics, highly developed electronics and opto-electronics.

The cooperation includes the collaborative use of the high-quality technical facilities at the University of Applied Sciences, as well as the creation of effective and focussed project teams. These teams are structured to include people with relevant skills and experience depending on each customized project. This enables us to develop and manufacture low volume or one-off products at reasonable prices as there is no need to outsource costly technical infrastructure or personnel.

Thanks to the variety of technical resources available to us, EOS Optronics GmbH can be very flexible in the provision of products and services.

Quality

EOS Optronics GmbH has implemented and uses a quality management system that complies to DIN EN ISO 9001:2000 standards. Quality management procedures and processes utilising the principles of continuous improvement are applied across the whole enterprise.

All partners in cooperation with the University of Applied Sciences and all other partners involved in the execution of any project are also subject to these systems. The quality system corresponds to any requirement of DIN EN ISO 9001:2000.

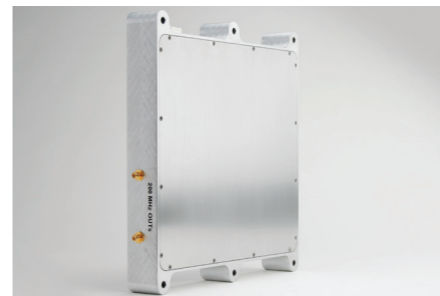
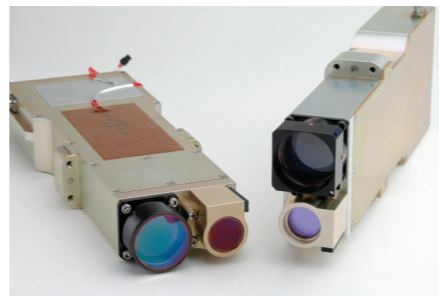
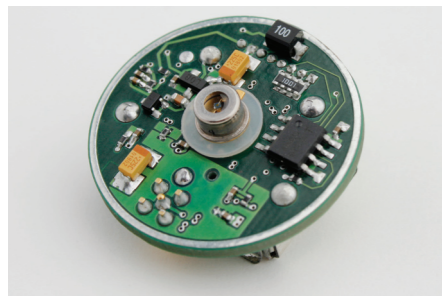


- Sensor and Detector Systems
- Laser Rangefinders
- Optics Manufacturing
- Special Developments

COMPANY PROFILE

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EOS Optronics GmbH

EOS Optronics GmbH (EOSO) was founded in October 2005 in Deggendorf, Germany (Bavaria), as a subsidiary of the Australian company Electro Optic Systems Pty Ltd.

At EOSO we develop and produce innovative opto-electronic systems. We produce various types of modules and components, particularly for use in visible and infrared wavelengths of light.

As a competent and experienced partner, we directly help our customers realise their specialised objectives. EOSO also provides consulting services and feasibility studies to assist our customers.

Competencies

- Sensor and Detector Systems
- Laser Rangefinder Technology
- Optics Manufacturing
- Special Developments



Products & Services

Sensor and Detector Systems

Optical detectors for visible and infrared wavelengths

- Customized single-photon receivers
- Customized multi-photon receivers

Optics Manufacturing

Production and metrology (quality control) of customer specified spherical and aspherical lenses

Laser Rangefinder Technology

Laser rangefinders for distances starting at a few meters to ranges greater than 10km

- Resolution from microns up to meters
- Laser rangefinder systems operating at kHz repetition rates

Special Development

Customized frequency modules (stable frequency multipliers and frequency distribution modules), amplifier modules, laser diode modules (visible and infrared) as well as ultrafast high voltage switches (up to 10 kV, e.g. for use with Pockels cells).

Development Services

Feasibility Studies

Consulting