

### Laser Power and Energy Detectors with a Direct PC Connection

## INTEGRA-Series Now Available with an RS-232 Connection

For applications under „industrial conditions“ laser power and energy detectors are connected directly to the computer: the INTEGRA series makes it happen. The INTEGRA detectors are now available not only with USB but also with an RS232 interface.

Often, production facilities and processing machines do not have USB interfaces available, or they cannot be used in systems-critical data transfers due to their susceptibility to interference. The INTEGRA RS-232 version is a compact and reliable alternative that is now available. The readout of the detector does not depend on a certain operating system. Thanks to the direct control using serial commands, this version requires neither a driver nor special software. This allows the RS-232 version of the INTEGRA series to also be operated under LINUX or directly from a PLC.

The mechanical design of the INTEGRA controller was also reworked: there is now a practical mounting hole available to attach the INTEGRA to an optical bench, for example.

Another INTEGRA version is available for energy detectors. In addition to a USB interface, this version has a BNC connection to transmit an external trigger signal. Gentec-EOs detectors are available at LASER COMPONENTS.

### More Information

<http://www.lasercomponents.com/de-en/product/integra/>

### Trade Shows

**SHOT Show**, January 16, 2017, Las Vegas, NV, USA, **Table Top**

**SPIE Photonics West**, January 13 - February 02, 2017, San Francisco, CA, USA, **Booth 2023**

**MD&M West Expo**, February 07-09, Anaheim, CA, **761**

**Automate 2017**, April 3-6, 2017, Chicago, IL, USA, **Booth 2661**

**Breko 2017**, 25-26 April 2017, Messe Frankfurt, **Booth 53**

**SPIE Defense + Commercial Sensing**, April 11-13, 2017, Anaheim, CA, USA, **628**

**ANGACOM**, May 30 - June 01, 2017, Cologne, Germany

**Sensor+Test**, May 30 - June 01, 2017, Nürnberg, Germany, **Booth 1-256**

**LASER World of Photonics**, June 26-29 2017, Messe Munich, **Booth B3.303**

### The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 200 employees worldwide.