



Thomas Research Products lights up spectrum of wireless LED control with EnOcean at Strategies in Light 2015

As one of the first providers, the lighting expert integrates the EnOcean wireless 0–10V LED relay controller into its OEM portfolio

[Salt Lake City/UT, Elgin/IL – February 23, 2015] – Thomas Research Products (TRP), a leading manufacturer of SSL power solutions and accessories, announces adding the EnOcean 0–10V LED Relay Controller to its wireless OEM lighting portfolio. The 0–10V LED controller complements TRP's recently launched [ZenNet Self-Powered Wireless Lighting Control System](#) for a flexible and energy-saving lighting system. Visitors to Strategies in Light (February 24–26, Las Vegas) can experience the innovative wireless control suite at TRP's booth 923.

"By building our wireless lighting control portfolio for OEMs on the EnOcean standard, we provide simplicity and flexibility to our customers. Energy harvesting wireless sensors and switches not only eliminate wires, but the need for batteries too. This is a major advantage when upgrading existing buildings. Adding the new 0–10V dimming relay for LED luminaires allows a greater level of energy savings and controllability," says TRP's Product Manager, Scott Ortiz. "By providing ZenNet, in a well-established wireless building automation standard, OEMs can offer their customers complete and highly flexible packages that are easy to install."

"Quite recently, EnOcean introduced its comprehensive LED wireless control system in North America. We are very proud to see Thomas Research Products as one of the first lighting industry leaders putting their wireless LED control portfolio on the energy harvesting wireless standard. This is a pioneering signal to the market," says Jim O'Callaghan, President of EnOcean Inc.

TRP's ZenNet product line now includes batteryless switches powered by kinetic energy, solar-powered occupancy sensors and the LED controller for on/off and dimming functionalities of a single LED fixture or a zone. This integrated LED control system communicates via the [EnOcean standard at 902 MHz](#), which is one of the most established wireless building automation standards based on the [EnOcean Alliance ecosystem](#) of more than 350 member companies and offers highly reliable, ultra-low power RF communication for batteryless control devices.

Furthermore, the LED controller already includes the new standardized EnOcean Equipment Profile (EEP) for LED defined by the EnOcean Alliance. The application-specific profile provides information on the current control status, e.g. dimming level, daylight harvesting or on/off, and saves any changes for debugging purposes and an optimized function monitoring.

About Thomas Research Products

Founded in 1997, Thomas Research Products designs and manufactures complete OEM and retrofit solutions for solid state lighting in indoor and outdoor applications. TRP offers DC and AC LED light engines, high-performing LED drivers and power accessories, including surge protectors and step-dimming modules. The company also offers energy-saving electronic lighting controls, including occupancy/vacancy sensors and daylight harvesting controls. For further information visit www.trpssl.com

About EnOcean

EnOcean is the originator of patented energy harvesting wireless technology. Headquartered in Oberhaching, near Munich, the company manufactures and markets energy harvesting wireless modules for use in building, smart home and industrial applications as well as in further application fields such as the Internet of Things. EnOcean technology combines miniaturized energy converters with ultra-low-power electronics and robust RF communication. For more than 10 years, leading product manufacturers have chosen wireless modules from EnOcean to enable their system ideas. EnOcean is a promoter of the EnOcean Alliance, a consortium of companies from the world's building sector that has set itself the aim of creating innovative solutions for sustainable buildings. Self-powered wireless technology from EnOcean has been successfully deployed in several hundreds of thousands buildings worldwide. The EnOcean wireless protocol is standardized internationally as ISO/IEC 14543-3-10, which is optimized for wireless solutions with ultra-low power consumption and energy harvesting. For more information visit www.enocean.com