

## Press Release

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### **LS Research Announces Rate\$aver a ZigBee® Smart Energy Certified In-Home-Display**

***New ZigBee Certified In-Home-Display adds to LSR's growing product portfolio***

LS Research received ZigBee® Smart Energy certification and FCC / IC approval of Rate\$aver, a wireless, battery powered in-home-display (IHD) energy usage rate monitor. Rate\$aver is a wireless communications portal between utility companies and utility customers providing a reliable means of wireless communication of consumption data from the utility meter into the home. Rate\$aver is based on the ZigBee® Smart Energy public application profile that supports pricing, security, simple metering, and messaging clusters and is interoperable with other ZigBee® Smart Energy energy service portals (ESP).

The Rate\$aver is the first battery powered wireless graphical display available on the market today for ZigBee® Smart Energy. The Rate\$aver runs on two AA batteries and uses a unique display technology allowing the display to remain visible after the radio and the power is turned off, while offering an expected two year battery life. The Rate\$aver also features an advanced radio architecture and 100mW power amplifier, eliminating the need for repeater devices in standard size homes. It also comes with a wireless bootloader, allowing utilities to easily send software updates to the device from the meter, or other ESP devices.

“The RateSaver in-home display plays an important role in helping consumers manage their energy use,” said Benno Ritter, vice president of marketing for the ZigBee Alliance. “ZigBee Smart Energy makes connecting in-home displays to a ZigBee home area network easy and affordable. We congratulate LS Research on successfully completing our rigorous ZigBee Smart Energy product certification process.”

“With our long standing experience in wireless communications, we wanted to develop the RateSaver In-Home-Display on ZigBee® Smart Energy because of ZigBee’s leadership position in the marketplace,” said Peter Mayhew, Director of Western Sales. “LSR is a market leader in the development and deployment of ZigBee enabled products for the cost competitive consumer market. The decision to add RateSaver to our existing portfolio of products and services was driven by customer demand for ZigBee Smart Energy based IHDs.

Product and pricing information are available now by contacting LSR.

### **About LS Research, LLC: From Product Concept to Production**

LS Research is the premier wireless product development company specializing in RF design, software development, CAD, Prototype Development, and FCC/IC/CE certification services. LS Research has also developed a line of RF FCC/IC Certified modules to help our customers get to market faster with little to no engineering cost. LS Research is at the forefront of the latest wireless technologies including LPW, ZigBee, Wireless USB, Wi-Fi, Bluetooth, MURS, and UWB. We design wireless products to help our clients take their business to the next level through technical innovation. LS Research has developed a long history of helping both Fortune 500 companies and startups with new product development.

At the heart of LS Research’s innovative talent is the core RF engineering group with over 28 years of proven wireless product development experience. In addition, LSR is the only product development firm with turnkey design service and an on-site FCC/IC/CE accredited test facility for all your EMC testing needs. For more information, visit: [www.lsr.com](http://www.lsr.com).

### **About ZigBee: Wireless Control That Simply Works**

ZigBee is the global wireless language connecting dramatically different devices to work together and enhance everyday life. The ZigBee Alliance is a non-profit association of more than 280 member companies driving development of ZigBee wireless technology. The Alliance promotes world-wide adoption of ZigBee as the leading wirelessly networked, sensing and control standard for use in energy, home, commercial and industrial areas.

For more information, visit: [www.ZigBee.org](http://www.ZigBee.org).