

MicroStrain's new IEEE 802.15.4 compliant wireless sensing nodes are compatible worldwide

Immediate Release: Williston, Vermont

MicroStrain, Inc. announces the release of its award winning wireless data logging transceiver product line compliant with the new IEEE 802.15.4 wireless standard. Communicating over the 2.4 GHz radio band, these modules use frequency agile direct sequence spread spectrum to deliver extremely robust digital wireless links.

The nodes are Zigbee ready, and are shipped ready to use, license free, worldwide.

"We're excited to provide our customers with easy to use wireless sensing systems that can be deployed anywhere in the world without the need to obtain a radio license. The network interoperability, scalability, and low power consumption embraced by the emerging Zigbee standard breaks down the barriers to widespread use of embedded sensors. We expect to realize an immediate increase in sales of our integrated wireless sensing nodes to overseas markets."



MicroStrain's 802.15.4 compliant wireless products:

- G-Link ® wireless MEMS triaxial accelerometers
- V-Link ® wireless voltages (millivolt and voltage input levels)
- SG-Link® wireless strain gages (w/ pulsed bridge excitation, shunt calibration)
- TC-Link ® wireless thermocouple (w/ std mini TC connector, integral cold junction compensation, embedded linearization for TC types J,K,R,S,T, E)

Specifications:

- RF communications band: 2.45 GHz, IEEE 802.15.4 standard
- Wireless communications range: 70 meters line of sight
- Wireless update rate: programmable from 1 Hz to 500 Hz w/ up to 8 channels
- Data logging sample rates: from 1 sample/minute to 2000 samples/sec with up to 8 active sensor input channels on V-Link ®
- Flash memory: 2 Mbytes (one million data points)
- Power: integrated Li rechargeable battery w/ embedded energy saving protocols

Notes to Editors: High quality images are available of the miniature G-Link™ module, the USB base station, operating at 2.4 GHz, DSSS, IEEE 802.15.4 compatible

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