

New Product Announcement

Mouser Now Stocking Long-Range 900 MHz Digi XLR PRO Module for Industrial RF Wireless Applications

April 5, 2017 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the [Digi XLR PRO® module](#). Based on Digi's full-scale Digi [XLR PRO industrial radio](#), this smaller, high-performance 900 MHz embedded module enables reliable wireless communications for a broad array of OEM industrial devices. The module is ideal for point-to-point and point-to-multipoint network topologies and utilizes Digi's Punch2® technology, which provides industry-leading interference immunity for noisy [radio frequency](#) (RF) environments.

The [Digi XLR PRO module](#), available from Mouser Electronics, is a major improvement over traditionally used frequency hopping spread spectrum (FHSS) or direct sequence spread spectrum (DSSS) systems. Providing better receiver sensitivity, multipath performance and interference rejection, the long-range 900 MHz industrial radio is designed to replace Ethernet or serial-cable connectivity for transmitting remote field data. The Digi XLR PRO module is capable of ranges from 1 to 100 miles (line-of-sight) using Digi's Punch2 Technology with chirp spread spectrum (CSS) modulation, and supports data rates up to 3.2 Mbits per second. Maximum transmit (Tx) power is +30 dBm, and receive (Rx) sensitivity is specified at -120 dBm.

Digi XLR PRO is available in a PCIe form factor with UART or SPI serial interfaces. The module supports 128-bit AES encryption for secure data communications, and is fully certified in the U.S. and Canada for use in the unlicensed 900 MHz band (ISM 902 to 928 MHz).

Digi XLR PRO fits a compact 34 mm x 51 mm x 6.1 mm footprint and is supported by a [RF Development Kit](#). The development kit includes two Digi XLR PRO modules, two Digi XLR PRO development boards, two articulating antennas, and power supplies to help engineers create designs for a variety of RF wireless [industrial](#) applications, including oil and gas, precision agriculture, utilities and line-of-sight industrial [communications](#).

To learn more about the Digi XLR PRO module, visit <http://www.mouser.com/new/digi-international/digi-xlr-pro-modules/>.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 4 million products from over 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Digi International

Digi International is a leading global provider of business and mission-critical machine-to-machine (M2M) and Internet of Things (IoT) connectivity products and services. We help our customers create next-generation connected products and deploy and manage critical communications infrastructures in demanding environments with high levels of security, relentless reliability and bulletproof performance. Founded in 1985, we've helped our customers connect over 100 million things, and growing.

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