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Digi International Offers FIPS 140-2 Crypto Module

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[Digi International Inc.](#) (<http://www.digi.com>) is offering a new \$399 module for embedded applications that provides all cryptographic support for the federal FIPS 140-2 security standards. In addition to offering the Xpress Crypto Module as a standalone device, Digi has integrated the module into its 900-MHz wireless Xpress Ethernet Bridge, to offer end users of embedded network equipment "FIPS 140-2 Inside."

The module meets Level 2 (Certificate #1452) of the FIPS 140-2 standard, as defined by the National Institute of Standards and Technology, which means the module meets standards required in purchasing by many federal agencies. The cryptographic boundary is limited to the module itself, so OEMs can add new features to their products without seeking recertification.

The module supports a SPI interface, and has a USB control interface to set passwords and control keys from a PC. The surface of the circuit board is treated with a tamper-evident coating to prevent keys from being compromised. The module measures 30 mm x 50 mm x 15 mm, and operates in a range of -40 to +85 degrees C.