



Digi: programmable ZigBee module

Digi International has introduced the programmable XBee-PRO ZB module for easy and safe ZigBee application development. Customer applications can be programmed directly on the module. Because the Digi-provided wireless software is isolated, customers can easily develop applications with no risk to RF performance and security. As part of iDigi, customers can also use the iDigi platform to easily integrate XBee ZigBee endpoints into their systems.

A product designed using the programmable XBee-PRO ZB can be updated remotely with new ZigBee profiles, feature updates or security enhancements. Digi is also developing downloadable sample applications for developing Smart Energy Load Controllers, Smart Energy Simple Meters, Smart Energy Thermostats, iDigi endpoints, U-SNAP endpoints and for Modbus support over Ethernet.

The programmable XBee-PRO ZB features an 8-bit Freescale S08 microprocessor and offers an outdoor RF line-of-sight range of up to one mile. XBee products are easy to use and share a common hardware footprint. Available in a variety of protocols for different applications, one XBee can be substituted for another with minimal development time or risk.