

Enabling the Real-time Enterprise



SENSINODE

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6LoWPAN Devkit K210

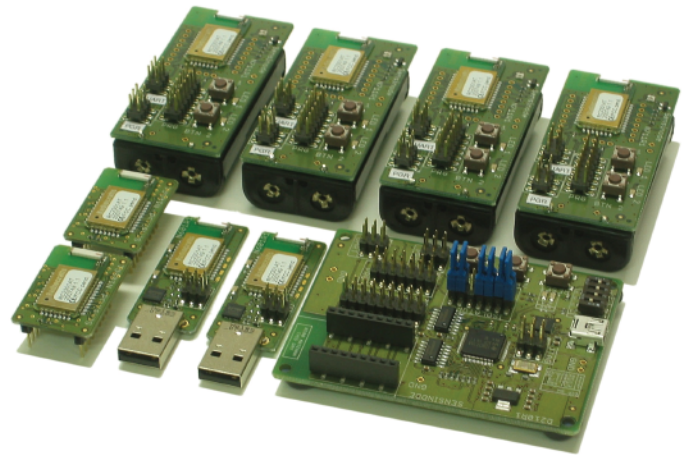
“Powered by RadioCrafts”

Devkit Contents

- 6LoWPAN software development kit (CD-ROM)
 - FreeRTOS and full toolchain distributions
 - NanoStack™ Pro development license
 - Sensinode portal and engineering support
 - Full PDF manuals and quick start guide
- 1 Devboard D210 for debugging & programming
- 2 RadioCrafts RC2301AT modules
 - Motherboard adapter with pins for D210 use
- 2 NanoRouter™ N601 USB Sticks
- 4 NanoSensor™ N711 Sensor Nodes
- 4 battery sets for N711
- 1 USB cable
- Carrying case

Features

- Ultra-compact 12.7 x 24.5 x 2.5 mm modules
 - Texas Instruments CC2431 SoC radio chip
 - 32 MHz 8051 microcontroller core
 - Real-time 32 kHz clock
 - Hardware positioning engine
- Out-of-the-box 6LoWPAN networking
 - PC tools and examples included
 - Linux and Cygwin support
 - Graphical Java NodeView network tool
- A complete development platform based on open-source, open-standard tools



The Sensinode K210 6LoWPAN Devkit is meant for research and engineering, and provides a full set of software and hardware tools for the development of wireless sensing using 6lowpan IP-based technology from NanoStack™. The development kit includes a flexible laboratory bench Devboard giving access to signals, debugging and programming features. A selection of 8 Sensinode Nano Series products are included, allowing the creation of various wireless sensor network topologies with NanoRouter™ USB sticks and wireless NanoSensors™.

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