

## STARTER KIT FOR WiMOD RADIO MODULES

# → STARTER KIT



WiMOD Starter Kit

### OVERVIEW

The WiMOD Starter Kit is a simple, out-of-the-box solution to explore the features and capabilities of the WiMOD radio modules. The kit contains two demo boards and the appropriate radio modules soldered on a specific adapter board. All modules are pre-programmed with WiMOD firmware including sample applications and a UART based host controller interface. The included PC tool can be used easily for configuration and usage of the radio modules and allows simple radio link evaluation as well as radio packet sniffing.

### INCLUDED HARDWARE

- 2x demo board
- 2x module specific adapter board
- 2x radio module soldered on the adapter board
- 2x external antenna
- 2x USB cable
- 4x AAA type battery

### INCLUDED SOFTWARE

- WiMOD firmware including host controller interface and sample applications
- WiMOD module configurator
- DLL for Windows™ PC

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## → Detailed Information

### SOFTWARE FEATURES

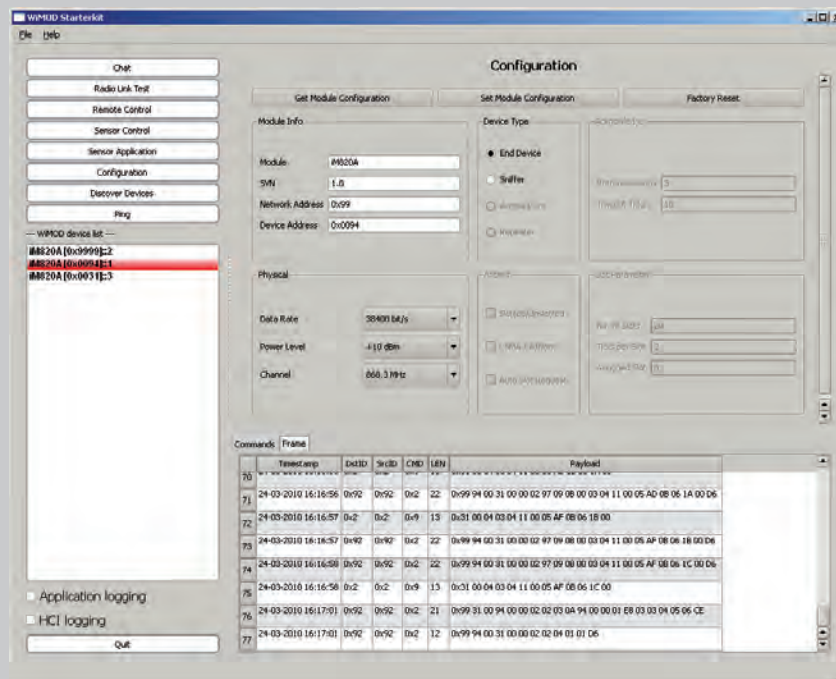
The Starter Kit contains a PC tool to configure and use the WiMOD radio modules and their pre-programmed applications (WiMOD firmware).

#### WiMOD module configurator:

- Modifying module parameters
- Configuration of sample applications
- Packet Sniffing & Radio Link Test application
- DLL for Windows™

#### WiMOD firmware:

- Host Controller Interface (UART based)
- Data Exchange application
- Remote Control application
- Sensor Net application
- Bootloading functionality



WiMOD module configurator

### DEMOBOARD FEATURES

The demo board is the basic platform for using and testing the WiMOD radio modules. It provides the following features:

- USB interface for communication with a PC
- Power supply by USB or battery
- 3 push buttons and 2 DIP switches
- Expansion header for an adapter board fitted with the WiMOD radio module
- 4 LED indicators
- Temperature sensor with a 2-Wire Serial Interface
- Buzzer and potentiometer

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