

Product Data Sheet

NQ Commissioning and Maintenance Software



NQ, Spinwave's intuitive commissioning and maintenance tool, takes the mystery out of wireless network deployment.

NQ software allows users to:

- Connect a PC to a wireless sensor network
- Import building floor plans (a variety of image types is supported)
- Automatically discover wireless network devices (e.g. sensors and receivers)
- Configure receiver and sensors (e.g. transmission interval and scaling)
- Assign (bind) sensors to I/O interface points by graphically connecting sensor values (e.g. room temperature, set point or override button) to DDC I/O interface terminals (outputs)
- Monitor and verify sensor data, battery health and RF link status

Real-World Ready

Ultra-high reliability means that the wireless sensor network (based on IEEE 802.15.4) outsmarts changing RF interferences with self-adapting frequency agility (patent pending).

Sophisticated power management results in long battery life; 3 to 8 years, depending on transmission intervals.

Flexibility Included

Interfaces to virtually any building automation (DDC) system.

RF receiver module can be mounted remotely for best RF performance.

Sensors can be battery operated or line powered.

Sensor parameters and DDC channel mapping can be easily changed.

System health (battery and communication) is continuously monitored.

Order Information

SWNQ: Binding and commissioning software for Spinwave's wireless sensor networks. Requires Windows XP/SP2 or Vista.

SWRF-IOR-NQCBL: NetQuest cable for SWRF-IOR receiver module & remote direct I/O interface

Specifications

System Requirements

NQ is based on the latest Windows technology and requires Microsoft's .NET Framework 3.0

Processor

- Minimum: 400 megahertz (MHz) Pentium processor
- Recommended: 1 gigahertz (GHz) Pentium processor

Operating System

- Windows XP SP2 and .NET Framework 3.0 or Vista

RAM

- Minimum: 96 megabytes (MB)
- Recommended: 256 MB

Harddisk

- Up to 500 MB of available space may be required (for .NET 3.0 on Windows XP)

Display

- Minimum: 800 x 600, 256 colors
- Recommended: 1024 x 768 high color, 32-bit

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Spinwave Systems, Inc.
235 Littleton Road
Westford, MA 01886
978-392-9000
www.spinwavesystems.com

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