

Radicom Research, Inc.

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www.radi.com**Low energy sensor recorder system – RBW8362 Wireless sensor recorder gateway series**

Radicom RB8W8362 sensor recorder system including low energy sensor tags and an internet gateway device uses as a complete long time monitoring and recording system from remote end as well as can be immediately accessed from a smart phone to add state of the art noncontact short distance or long range remote monitoring application. The RB8762 sensor tags runs under ultra low power and integrates a powerful ARM processor, RF, baseband, and 256KB embedded flash memory. Together with RW8300E-B3 internet gateway which is embedded a long range WiFi and LAN remote capability featuring a self-contained various long term monitoring/recording system. With smart phone APP and web configuration, the system can be easily adapted to a broad range application that previously did not feature wireless sensing capabilities. It is designed to support single or multi-sensing system.

Models:

RW8300E-B3: Internet gate way of RB8762 system.

RB8762C-S007 : with Temperature/Moisture sensor

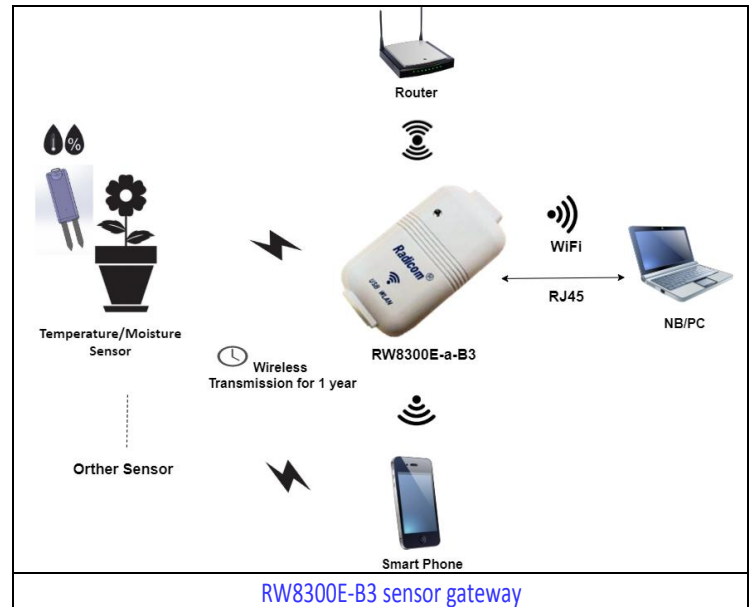
RB8762C-S008 : with Temperature sensor

Application:

- Plant moisture and temperature monitoring and recorder device
- Home monitoring/recording device
- Low energy monitoring tag

Sensor Features:

- Various sensor measurement and long term recording transmitter
- RB8762C-S007 : size : **72.1 x 20 x 1.6 mm (PCBA)**
 - AAA battery power input for sensors up to one year records
 - Operating temperature: **-40°C ~ +85°C**
- RB8762C-S008 : size : **32 x 40 x 6 mm**
 - CR2032 battery power input for sensors up to 120 day records
 - Operating temperature: -20°C ~ +60°C
 - Waterproof level IP 21



RW8300E-B3 sensor gateway

- Ultra low power sensor operation
- Single or up to 256 multiple sensors monitoring
- Support OTA (Over-the-Air) programming
- No powerful host processor required to read from tag
- Configurable through smart phone APP or AT commands from RW8300E-a-B3 gateway
- FCC/IC/CE (pending)
- RoHS 3 compliant

Sensor Gateway features:

- Ethernet LAN
- IEEE802.11 b/g/n WiFi + BT5.1 BLE
- TCP/IP port accessibility
- Web configurable
- Firewall protection

General:

- Wireless sensor recorder applications
- Internet capability
- Security protection
- Smart phone App