Battery Powered Temperature and humidity sensors

Maximize efficiency. Minimize risks. Manage assets.

TRH

HIGHLIGHTS

- BLE
- TEMPERATURE & HUMIDITY sensor
- BLE5.3 support, low power consumption
- Lithium-Thionyl Chloride Battery
- Over the air configuration and firmware update
- Easy installation
- IP66 Rating
- Optional

Perfect for any location, no installation process required. The small, battery-powered TRH Bluetooth temperature and humidity sensor is designed to be used with an internal Li rechargeable battery for quick installation.

IT'S RELIABLE

The TRH is a high-performance, IP66-rated device. It has an integrated BLE 5.3 and humidity and temperature sensors for Bluetooth wireless transmission and temperature and humidity measurement.

IT'S SIMPLE

Powered by batteries, TRH can be easily used wherever temperature and humidity measurements are required. Reports can be triggered on a regular basis or in response to events.

IT'S FUNCTIONAL

The MG14 comes with pre-configured software. Its internal temperature and humidity sensor can be used for testing and management reporting in any environment.

The application firmware is flexible and can be customized to be compatible with your existing server at special request.

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Specifications:

SENSOR
- TEMPERATURE & HUMIDITY

BATTERY INFORMATION
- MG14： Lithium-Thionyl Chloride Battery 1.7Ah @3.6V. It is designed for the case where more reports are need per day. Longer period of use.

ELECTRICAL
- Operating Current
  - ✓ Hibernate: < 20uA @ 3.6V
  - ✓ Working 2mA @3.6V Typical

PHYSICAL
- Dimensions: 73 x 56.76 x 21.80mm
- Weight : < 57.5g
- Internal BLE Antenna

ENVIRONMENTAL
- IP66 Rating

- Operation Temperature: -40°C to +80°C
- Storage Temperature: -40°C to +85°C

Blue tooth
- BLE 5.3

APPROVALS
- FCC
- PTCRB
- Carrier

Asiatelco Technologies Inc. (ATEL)

Asiatelco is the leading provider of wireless terminal products to its value customers worldwide. Its innovative products and solutions are widely used for reliable broadband access, IoT/M2M applications and voice communication with 4G LTE, 3G & 2G wireless technologies. ATEL's sales and marketing are globally positioned. It has become globally well-known company in the wireless industry due to its excellent products, solutions and services. For more information, contact Asiatelco Technologies Inc.

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FCC Regulations:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/ TV technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas

used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.