Ultimate Iot C4041000 Temperature and Humidity Sensor Instruction Manual

UIOT/QR4120 1-5-02
" Temperature and Humidity Sensor"
Instruction Manual
Ultimate IoT (Shanghai) Technology Ltd.
R&D department

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Document revision history

Date	Version	Description	Author	Approver
V1.0	2018.11.10	Initial release	YuHuaiFu	
V1.1	2019.07.01	Modification of network access key structure diagram	YuHuaiFu	

Contents

Product description

Appearance

Product parameters

- Color: Winter
- Material: Flame retardant PC
- Installation Method: Side/ Horizontal mount
- Dimensions: 51×51×15mm
- Power supply: Cell CR2032
- Communication mode:Zigbee
- Communication distance: 50~80m(No occlusion)
- Temperature range: -10℃~40℃
- Humidity range: 0-90%RH
- Temperature accuracy: ±1℃
- Humidity accuracy: ±5%

※ Under normal conditions, the battery can be used continuously for two years. The data are from uiot laboratory.

According to different measurement methods, the actual results may be slightly different.

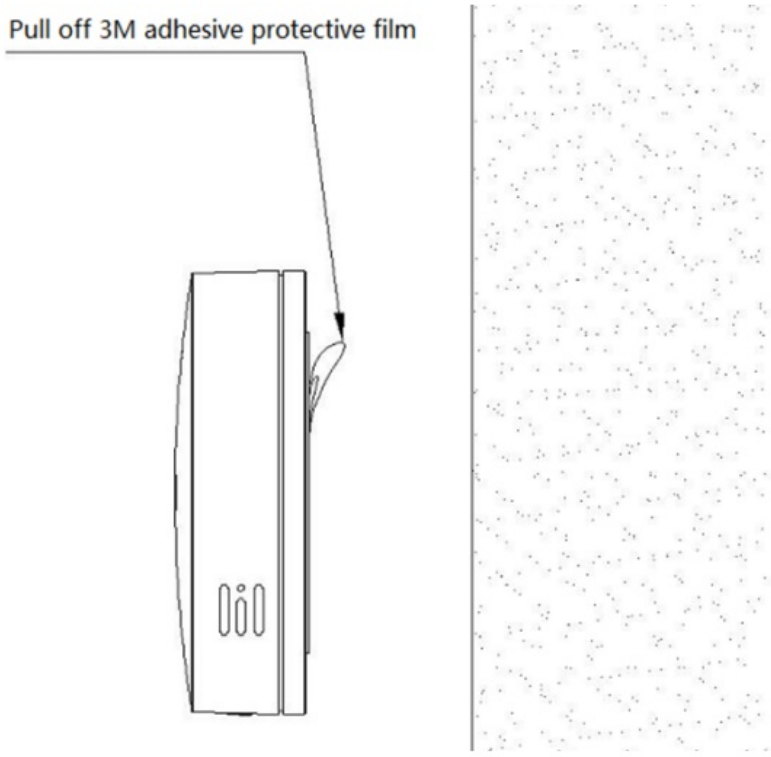
Structure and installation

Product panel diagram

Installation product requirements

- The mounting surface of this product shall be clean and tidy.
- It can also be placed on the desktop.
- Do not install outdoors.

Installation steps



- Pull off 3M adhesive protective film.
- Fix the sensor on the wall or other objects with 3M glue.

- When ZigBee network access is turned on, press the network access button with the card taking needle for more than 3 seconds, and the sensor will join the ZigBee network.

Installation precautions

- There are fragile devices in the product. Please avoid falling, heavy pressure, and other destructive actions.
- The products are precision electronic devices. Pay attention to waterproofing and avoid high temperatures in use.
- Do not let foreign matters fall into the machine.
- Do not disassemble or refit the unit in any way.
- When fixing the bottom shell, do not press hard to avoid damage to the shell.

FCC Radiation Exposure Statement:
The transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Information to Users
According to the FCC Part 15.19, 15.21, and 15.105 rules, for this EUT, the instructions or operation manual furnished the user shall include the following or a similar statement, placed in a prominent location in the text of the manual:
FCC Warning
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.
NOTE 1: 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.
NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC WARNING

This device contains license-exempt transmitter(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF exposure statement
This equipment meets the exemption from the routine evaluation limits in section 2.5 of RSS-102. It should be

installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Documents / Resources

	Ultimate Iot C4041000 Temperature and Humidity Sensor [pdf] Instruction Manual C4041000, 2ATY4-C4041000, 2ATY4C4041000, C4041000 Temperature and Humidity Sensor, Temperature and Humidity Sensor