
Asking

- Please read the manual before using our product.
- Please guard notes in the text.
- Please keep this book importantly to take it out at once when there is an uncertain point in use.
- Please do not use this product without reading the manual.
- This product is a precision instrument. Please drop and handle it politely so as not to add the impact.

Handling and directions

When this product is used, the following operations : with the cause of the troubles of a fire and the electric shock, etc.

It doesn't become, and never do, please.

- Use by resolution, remodeling, and cover detaching.
- Use in state that water and foreign body adhere.
- Use and connection of non-standard product to this product.
- Installation in place where a lot of waters, moistures, dust, and lamp soot exist and place where direct sunshine strikes.

Please stop energizing the product, and contact our company when water and the foreign body adhere by any chance.

When not using it

Please avoid and keep the place where a lot of moistures, dust, and lamp soot exist and the place that becomes the high temperature and a low temperature.

Exemption matters

Our company doesn't assume the responsibility in the guaranteed term as follows when giving it at all either.

- When trouble is caused by the act caused by a fire, the earthquake, and the third party and other accidents in this product.
- By use under an abnormal condition besides deliberate of the customer and the fault, the misuse, and abuse
When trouble is caused in this product.
- When this product is remodeled, and repaired by the customer.
- When it originates in the use of this product and damage is caused.
- When this product is resold, and transferred to the third party.
- Our company doesn't consent to this product and it when resolving it.

1. Description	4
2. Features.....	5
2-1. HARDWARE FEATURES	5
2-2. SOFTWARE FEATURES	5
3. How to use the BLTool.....	5
4. How to use the HCITester	5
5. FCC Notice	6
6. IC Notice.....	6

1. Description

The CM-A219 is a Wireless communication for measuring instruments for industrial.

The CM-A219 is a USB Dongle that supports the Bluetooth 4.1 Bluetooth Smart.
Connect to any devices with Bluetooth and devices.

If you plug into your computer, please use a dedicated I/F cable.

2. Features

2-1. HARDWARE FEATURES

Model	CM-A219
Board Dimensions	15.0×51.2×5.8 mm
Product Dimensions	W35×D50×H20mm(Doesn't contain an umbo.)
Weight	About 10g
System requirements	Temperature (0°C-40°C) Humidity(With no icing or condensation)
Feeding power method	Feeding power by USB connector

2-2. SOFTWARE FEATURES

Profiles

- SPP Profiles

RF

- 2.4GHz Proprietary FHSS Module (Max 3Mbps)
- Support Bluetooth Master/Slave
- Frequency of Operation 2402MHz-2480MHz
- Output power (Average) : 9dBm
- Modulation : GFSK, $\pi/4$ DQPSK, 8DPSK

USB

- USB2.0
- USB Host/Device(Factory default settings)

3. How to use the BLTool

For more information, please refer to the separate section “BLTool Manual”.

4. How to use the HCITester

For more information, please refer to the separate section “HCITester Manual”.

5. FCC Notice

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.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that is deemed to comply without testing of specific absorption rate(SAR).

6. IC Notice

ENGLISH

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. CM-A219 has been tested and found to comply with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules.