

Data Collector product specification

1.Specification

Name	Data Collector
Functions	Used for collect the data signal of the sensor and upload
Communication distance	1KM
Power	DC5V/1A
Working Temperature	-40℃ ~55℃
Size	210*130*60mm
Weight	1100g
Working frequency	907.2Mhz

2.Appearance



Figure 1. The complete picture

3.Indicator lamp



Figure 2. Front view

4.Lamp definition

Number	Definition	Instruction
1	Yellow lamp	Flashing light when receiving the data uploaded by the sensor
2	Green lamp	Light on indicates that the device is registered and the power supply is normal
3	Blue lamp	Flashing every ten seconds indicates normal communication with the gateway
4	Power port	Connect to Dedicated Power Supply, 5V/1A DC

5.interface



Figure 3. Back view

6. Interface Definition

Number	Definition	Instruction
1	Antenna Interface	Communicate with the central data gateway
2	Antenna Interface	Communication with sensor

FCC ID: 2AU7Z-FLCC100

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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

This product must use the original antenna, the antenna and the host are the unique coupling. If the user replaces another antenna, the product will not work properly.

Manufacturer: ShenZhen Fulinks Science and technology Co.,Ltd.

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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