

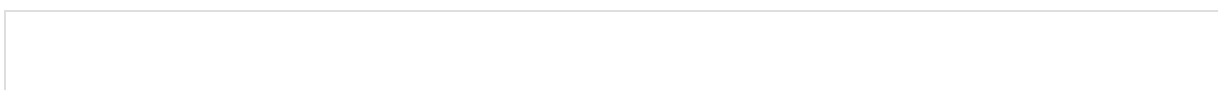
DATAEYE Communication Controller MANUAL

REV 1.0

Smart Energy Electric Technology(Changzhou)Co.,Ltd

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1.Safety instructions

Before the installation, operation, maintenance, inspection maslech wireless controller, please be sure to read the instructions.

Please be familiar with all the information about the product, safety information, as well as the use of attention to matters.

In the specification of the product, use the following safety signs to indicate some of the hazardous conditions and important safety instructions.

	Warning: some of the important instructions indicated by this symbol, if not followed, will result in serious hardware failure or personal danger. Special attention should be paid to these operations.
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In addition, please keep this instruction manual and hand it over to the end user who needs it.

FCC Warning:

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:

- o Reorient or relocate the receiving antenna.
- o Increase the separation between the equipment and receiver.
- o Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- o 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.

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 & your body.

2.Product description

2.1 Product introduction

1) Smart energy wireless controller and DATAEYE Wireless terminal configuration software (Optional) 、 DATAEYE Cloud services (Optional) Constitute a data monitoring system。

Smart energy wireless controller is responsible for the acquisition of a variety of types of equipment data, and data transmission to DATAEYE Cloud services。

2) DATAEYE Wireless terminal configuration software responsible for the preparation of Instructions in a specific implementation of the controller.

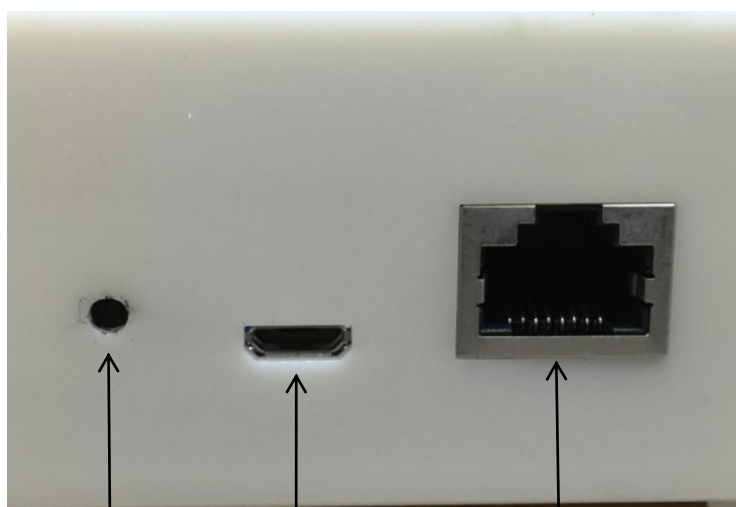
3) DATAEYE Cloud services Used to receive, process data, and image of the data will be displayed。

2.2 Appearance size



length(mm)	Width (mm)	height(mm)
120.55	77.52	440.2

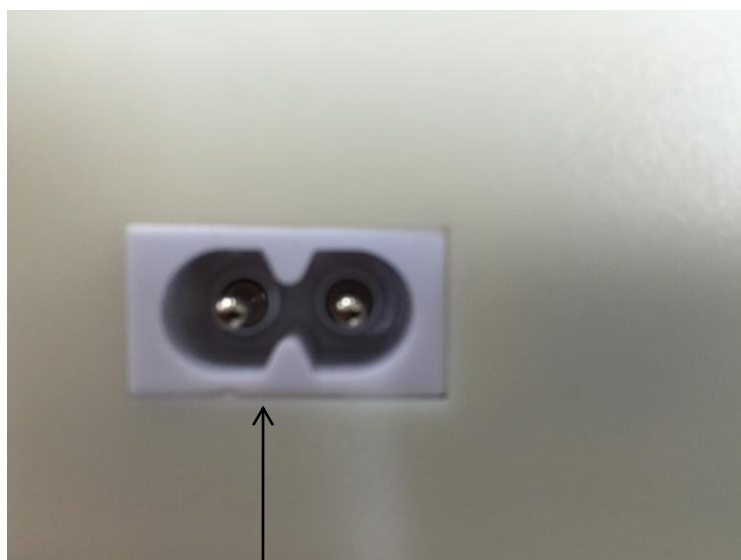
2.3 Device interface



REST

USB

RS485



AC 110-220V

3.Product installation

3.1 Safety notice

	Warning: before installation and replacement, be sure to disconnect the 110-220V AC input.
	Warning: only qualified professionals will be able to carry out the installation and replacement of equipment.

3.2 Installation preparation

Customers also need to prepare the following parts and tools:

- 1、 110-220V connection (American Standard 8 words)
- 2、 Wireless antenna.

3.3 Installation steps

- 1、 Download specific instructions for the wireless centralized controller (Advanced user application)

The use of DATAEYE wireless terminal configuration software to write custom instructions, connect the 110-220V AC input power supply, wait 1 minutes after the initialization of wireless centralized controller can be downloaded to the wireless controller through the RS232 interface to download complete wireless centralized controller will automatically restart.

- 2、 Reconnect 110-220V AC power Wireless centralized controller starts working

4.Product operation

4.1 Communication attention point

- 1) WIFI wireless centralized controller when using, please try to close to the WiFi signal router
- 2) Transmit antenna tightening。

4.2 Other points of attention

The current wireless centralized controller does not provide the waterproof function, please put the wireless centralized controller in the room.

In order to maintain the normal operation of the wireless centralized controller, please do not focus on the wireless centralized controller in the high temperature, corrosion and other harsh environment.

5.Trouble shooting

When the current wireless centralized controller can not collect the data, the user can check the following items to eliminate the trouble:

- 1、110-220V AC input is already connected
- 2、SSID WiFi and password are correct.
- 3、Is the instruction configuration correct in a wireless centralized controller.
- 4、Wireless antenna time to loose.

If the fault still exists, please call the customer service phone or mail us.

