COMARK
Instruments
C300B YFL
Wireless
Temperature
Datalogger

Comark Instruments C300B YFL Wireless Temperature Datalogger User Manual

Contents

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C300B YFL Wireless Temperature Datalogger

Specifications:

- Temperature collection probe for monitoring food, pharmaceuticals, vaccines
- Usage scenarios: refrigerated vehicles, boxes, warehouse, agriculture, transportation
- Compact, lightweight, space-efficient design
- High-precision temperature probe
- IP67 waterproof and shockproof
- Ultra-low power consumption with long standby time
- One-button operation for convenience
- Data upload to cloud for easy access

Product Usage Instructions:

Power On

Press the power on/off button for 3 seconds until the green light flashes for 3 seconds.

Operation

While the device is in the recording process, press the power on/off button once to initiate a data collection cycle. By default, data is collected once every 5 minutes.

Power Off:

To power off the device, press the power on/off button for 5 seconds until the red light flashes for 3 seconds. Note that in the shutdown state, pressing the button once will turn off the indicator light.

How to Check Data:

1. Scan the QR code provided to download the app.
2. Open the app and click on “Scan Device ID” to scan the ID QR code on the back of the device to access the data. Each device has a unique ID code.
3. To exit the report interface, click on “Scan Another Item.”

Precautions

1. Before connecting your phone to the device, please ensure your phone’s Bluetooth is on.
2. Download our app and scan the ID QR code on the product back, then click “Device Information” to check power level and “Read Data” to synchronize network time, preventing device from stopping recording and having abnormal time due to low battery during transport.
3. Please upload and synchronize the historical record data timely and save the report.
4. When generating the report, please confirm whether the device was operating during the set time period.
5. Due to device model limitations, Xiaomi and VIVO mobile phones may not be able to connect.

Product Information

Product Introduction

- The built-in temperature collection probe of this product is for monitoring the storage and distribution of food, pharmaceuticals, vaccines, etc. Usage scenarios cover refrigerated vehicles, boxes, warehouse, etc. It’s also widely used in various industries like agriculture and transportation, fulfilling the environmental and material management needs of labs, museums, and other places.

Product Features

- Compact, lightweight, space-efficient, fit for various temp control.
- High-precision temp probe, fast & sensitive.
- IP67, waterproof, shockproof, safe.
- Ultra-low power, long standby, recyclable.
- No install, one-button operation, convenient.
- Data upload to cloud, one-click report, quick & easy.

How to use

Power on: Press the power on/off button for 3s, the green light will flash for 3s.
Operation: While the device is in the recording process, click the power on/off button once, and the green light will flash once. By default, the data collection interval is once every 5 minutes.
Power off: Press power on/off button for 5s, the red light will flash for 3s.

Note: In the shutdown state, click the button once and the indicator light is off.

How to check data

1. Please scan the below code to download our app, then you can check all data in app.

2. After downloading the app, open it, click on the “Scan Device ID” and scan the ID QR code on the back of the device to obtain the data. Each device has different ID code.

3. The app interface shows the device’s current temperature data and time. Also, it allows checking device info, set the time range for viewing the collected data, temperature threshold range, and reading monitoring data.
4. Click on “Device Information” to view the current power level of the device.
5. Click“Read data”you can view all the data in the records within the corresponding time interval.
6. Click on “Upload Data” to upload the data to the cloud platform.
7. Click on “Generate Report” to enter the preview interface of the temperature data report file. Click on “…” in the upper right corner to forward and obtain the PDF file.
    - Exit the report interface, you can click “Scan Another Item”. 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. 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
FCC ID 2BMOJ-C300B
MODEL C300B

FAQs

Q: What should I do if the device is not recording data properly?

- **A:** If you encounter issues with data recording, try reorienting or relocating the receiving antenna, increasing separation between equipment and receiver, connecting to a different circuit outlet, or seeking assistance from a professional technician.

Q: Is the device compliant with FCC Rules?

- **A:** Yes, this device complies with part 15 of the FCC Rules. It vis designed not to cause harmful interference and must accept any received interference.

Q: Can I use the device in portable exposure conditions?

- **A:** Yes, the device has been evaluated to meet general RF exposure requirements and can be used in portable exposure conditions without restrictions.

Documents / Resources

	Comark Instruments C300B YFL Wireless Temperature Datalogger [pdf] User Manual C300B, 2BMOJ-C300B, 2BMOJC300B, C300B YFL Wireless Temperature Datalogger, C300B, YFL Wireless Temperature Datalogger, Wireless Temperature Datalogger, Temperature Datalogger, Datalogger

References

- User Manual