

G-Xplus Wireless Recorder



User Manual



Zhejiang WASON Cold Chain Science and Technology Co.,Ltd

Address: China·Hangzhou
http://www.wason.cn
E-mail:info@wason.cn
TEL:400-6988-571

Chapter 1-Product Overview

The WASON G-Xplus series wireless recorder is a 4G transmission network-based intelligent instrument that complies with GSP/GMP standards. It can achieve remote temperature and humidity monitoring,real-time positioning, Bluetooth printing, over limit alarm, door opening and closing alarm, and has excellent battery life.Through the Cold Chain Cloud platform,remote settings of recorder parameters, historical data, and location trajectory queries can be achieved. Widely used in industries such as pharmaceutical cold chain and fresh food, it can be embedded with insulated boxes for use.

Chapter 2-Technical parameters

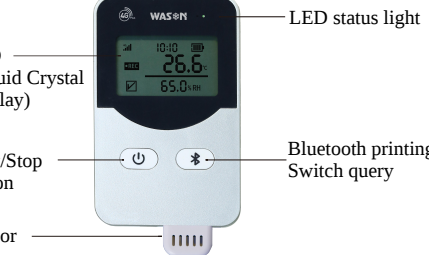
Measurement range:-20℃ ~ +70℃; -40℃ ~ +100℃;-90 ~ +70 ;-200 ~ 0 ; 0 ~ +300 ;0%RH ~ 100%RH;(Humidity model) ;
Measurement accuracy: ±0.3 ~ ±0.5 (-20 ~ 70) ±1 (other) ; ±3%RH ~ ±5%RH, @20 Environment;
Working temperature range: -20 ~ +70 ;
Power supply: 3000mAh lithium battery
Battery life:>15 days
Recording capacity: 10000 sets of data, first in first out cycle
Dimensions: 112mm × 71mm × 20mm
Waterproof rating: IP64

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Chapter 3-Functional Features

- 1) The maximum and minimum values can be queried by pressing the button;
- 2) LCD displays the current value and alarm status;
- 3) GPRS (4G) transmission, unlimited distance;
- 4) Real time location positioning;
- 5) Comes with built-in memory, automatically transfers offline data;
- 6) Remote monitoring records, data cloud storage;
- 7) High energy lithium battery with long standby time;
- 8) Can be equipped with a Bluetooth printer to print data on-site with just one click;
- 9) The firmware can be upgraded over the air via OTA;
- 10) Rich fault codes, easy to maintain.

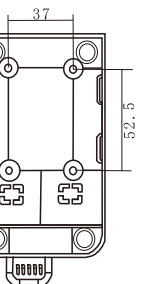
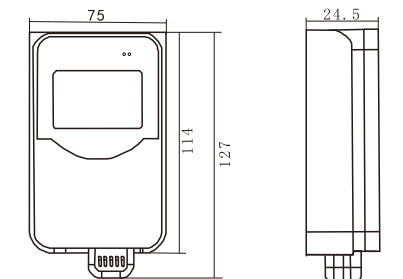
Chapter 4-Equipment Appearance



Note: If the appearance color of the equipment is different, the actual product shall prevail

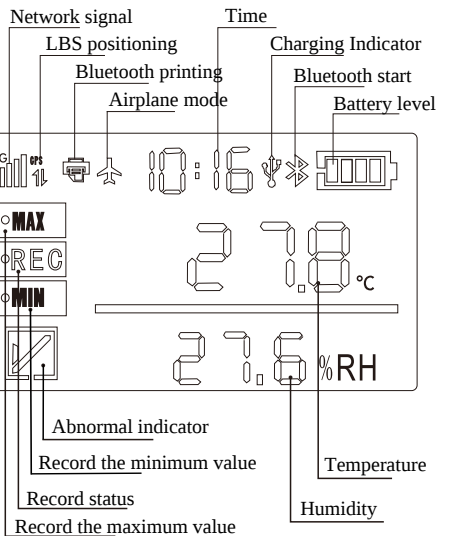
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Chapter 5-Appearance and Installation Dimensions



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Chapter 6-LCD Display



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Chapter 7- Function Description

1. Start / Stop button

When the device is in stop mode, long press the "start stop button" for 5 seconds to start recording and monitoring, and the screen will display REC and temperature or humidity data.

When the device is in startup mode, long press the "start/stop button" on the temperature and humidity display main interface for 5 seconds to stop recording and monitoring.

2. Bluetooth printing

When starting the recording mode and the device has stored data, the Bluetooth printing function is available.

Press and hold the "Bluetooth button" on the temperature and humidity display main interface for 5 seconds to start printing.

Long press the "Bluetooth button" for 5 seconds to turn on Bluetooth, and the screen will display the Bluetooth icon "✱". The flashing Bluetooth icon indicates that the device has started searching for Bluetooth printers.

Search and pairing successful, start printing data, and the screen displays the Bluetooth printing icon "🖨".

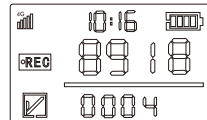
After printing is completed, the screen displays "100%".

Note: The Bluetooth printing function requires a dedicated Bluetooth printer to be configured!

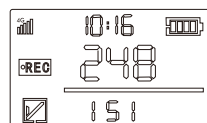
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3. Information viewing

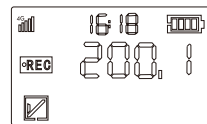
Click the start stop button on the left to view the maximum and minimum values. Click the Bluetooth button to switch between the temperature display interface and the device information display interface, and view the device serial number, software and hardware version, recording interval and alarm interval, number of records and uploads, error code, voltage display, sampling frequency, and other related content in sequence.



Device serial number: 89180004

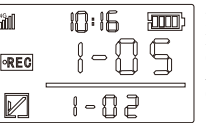


Software version number:248
Hardware version number:151
(Long press the Bluetooth button to enter firmware upgrade)

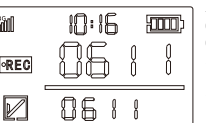


Firmware update
Upgrade started: 200.1
Upgrade failed: 200.2

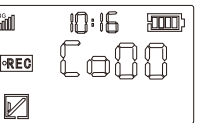
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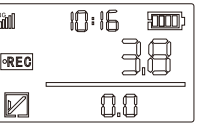
Record Interval
Normal recording interval (5 minutes): 1-05
Alarm record interval (2 minutes): 1-02



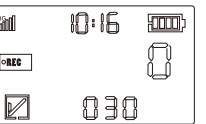
Number of records
611 items have been uploaded
611 records have been recorded
When using this interface, long press the Bluetooth button to clear the recorded data on this device



Error code
Co00: No errors
Co01: Time exception
Co02: Abnormal charging voltage
For more error codes, please refer to the error code table



Voltage display (unit: V)
3.8: Battery Voltage
0.0: USB voltage (displayed when USB is plugged in)
When the voltage display is empty, recording and uploading will stop



Sampling rules
030: Sampling frequency



Sensor version
0: Low level sensor
1: High level sensor

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PRODUCT WARRANTY CARD

Warranty Regulations :
1. This instrument provides a one-year free repair service (except for special agreements). If there is a malfunction during normal use, please present the warranty card and invoice for warranty. In addition to miscellaneous expenses such as insurance and transportation, warranty services are provided free of charge.
2. The following situations are not covered by the warranty:
Failure to present a valid warranty card and purchase invoice;
Purchase through informal channels;
Damage caused by failure to use, maintain, and store according to the instructions;
Damage caused by falling or improper storage after purchase;
Damage caused by repairing, modifying, disassembling, or cleaning in a non authorized repair and certification store of our company;
The product model or number recorded on the warranty card does not match the actual product;
Malfunctions caused by external factors such as force majeure or abnormal voltage;
3. During the warranty period, it is possible that the body may not be treated according to the situation, and instead a model designated by our company with performance not lower than the original product may be used for replacement.
4. The parts replaced during the warranty belong to the company.
5. Unless otherwise specified by law, incidental damage (including data loss, etc.) caused by the malfunction of this instrument shall not be compensated.
6. Please keep the warranty card properly and do not replace it if lost.
7. This warranty policy is customized for free repair by the user and does not limit the user's legal rights.



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PRODUCT Qualification Certificate

Product Name: _____

Type: _____

Product Number: _____

Inspector: _____

Inspection Date: _____



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Warranty Record 1

Delivery date for repair: _____
Repair Unit Name: _____
Address: _____
Postal code: _____ E-mail: _____
Telephone: _____
Send to repair the fault situation: _____
Reason for malfunction: _____
Fault handling situation: _____
Delivery date: _____
Signature of maintenance personnel: _____

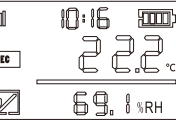
Warranty Record 2

Delivery date for repair: _____
Repair Unit Name: _____
Address: _____
Postal code: _____ E-mail: _____
Telephone: _____
Send to repair the fault situation: _____
Reason for malfunction: _____
Fault handling situation: _____
Delivery date: _____
Signature of maintenance personnel: _____



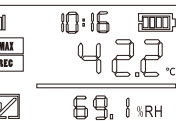
Power-off state

Screen black



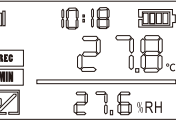
Current measurement value

22.2: Current temperature
69.1: Current humidity



MAX maximum value
42.2: Maximum temperature
69.1: Maximum humidity

When the main interface is displayed, press the start/stop button once to display the maximum value, press again to display the minimum value, and then press the third time to return to the main interface.



MIN minimum value
27.8: Minimum temperature value
27.6: Minimum humidity value

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4. Error Code Table

Co01	Time exception, not ready yet
Co02	Abnormal charging voltage
Co03	Battery voltage too low
Co04	Memory Error
Co05	Data collection error
Co06	FLASH driver error
Co07	FLASH write error
Co08	USB enumeration failed
Co09	Bluetooth&FTP&receiving server busy
Co10	Synchronization time failed
Co11	Login to server failed
Co12	Mobile card registration network failed
Co13	SIM card not found
Co14	network is busy
Co15	Device crashes
Co16	Below the pause screen is the interface display that overrides the menu
Co17	FTP operation prompts
Co18	Bluetooth printing prompt
Co19	Server data CRC check error
Co20	Server data parsing error

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program upgrade	
2001	Start FTP upgrade operation
2002	Server operation failed
2003	Username is incorrect
2004	Incorrect password
2005	Failed to retrieve info. txt
2006	The version is already the latest and no longer needs to be updated
2007	Mid way upgrade failed

Bluetooth operation	
3001	Start Bluetooth activation
3002	Search for Bluetooth failed
3003	Matching Bluetooth ID failed
3004	Matching Bluetooth password failed
3005	Failed to connect to printer
3006	Failed to exit transparent transmission mode
3007	Printing exception during the process
3008	There is no data that needs to be printed
3009	Failed to delete Bluetooth

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Chapter 8 -Precautions for Use

Please read the following precautions carefully before using the recorder:

1. When the device has no data uploaded, please confirm if the device is above the recorded state or if the device is above one battery level.
2. Please use this device within its measurement range.
3. Do not use external force to impact this device.
4. The equipment must be kept away from open flames.
5. Do not immerse the device in liquids.
6. Do not immerse the external temperature and humidity sensor in liquid.
7. The measured values of the equipment may be affected by the following factors:

- a、Temperature error
 - 1) The stability time in the testing environment is too short.
 - 2) Close to heat sources, cold sources, or directly under sunlight.
- b、Humidity error
 - 1) The stability time in the testing environment is too short.

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- 2) Long term exposure to steam, water mist , water curtains, or condensation environments is prohibited.

c、Pollution

- 1) Products must be regularly cleaned in dusty or other polluted environments.

8. When the power symbol is empty, the device will stop uploading but still record; When the battery symbol is empty and flashing, the device will stop recording. Please charge it in a timely manner.

Chapter 10- Quality Assurance

The G-Xplus wireless recorder is a precision instrument. Non professional maintenance personnel of our company are not allowed to repair, modify, replace batteries, disassemble the body, and perform other operations on their own. Please strictly follow the instructions in the manual. Our company shall not be held responsible for any abnormal operation, damage, data loss or indirect economic losses caused by human factors.

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WeChat
Official Account



Get service



Zhejiang WASON Cold Chain Science and Technology Co.,Ltd

Address: China· Hangzhou
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E-mail:info@wason.cn
TEL:400-6988-571