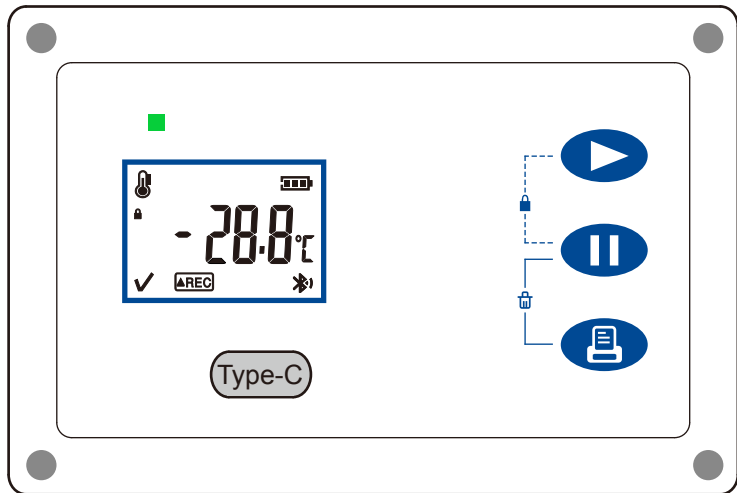


W116 Panel Temperature Data Logger with Bluetooth

(HDL-W116-10T)

User Manual



Overview

W116 series are panel temperature data loggers which supports Bluetooth connection (ESC protocol), monitor and record the temperature data of food, medicine, chemical supplies, and other objects during storage and transportation.

Dimension & Weight

Whole: 99.4 * 70.2 * 11.4 mm (W*H*T)

Front Panel: 99.4 * 70.2 * 2 mm (W*H*T)

Back Panel: 82.5 * 48.5 * 9.4 mm (W*H*T)

Net weight: 65 gsm

Buttons and Operation Method

There are 3 buttons on the right of the front panel.

Mainly exist two actions:

1. Short Press: Press the button and release at once.
2. Long Press: hold down the button for 4 seconds.

Short Press		Next Menu
Short Press		Previous Menu
Short Press		Print a strip
Long Press		Start the records
Long Press		Stop the records
Long Press		Print the records
Short Press	+	Lock/Unlock the keys
Long Press	+	Wipe All Data (ensure stop recording firstly)

①

Power

Built-in Li-ion Battery, the type C interface is used for charging and data transmission.

Power on/off

[Power on] Plug it into a type-C charger;

[Power off] Unplug the type-c charger, make sure the buttons are not locked, and then press and hold all the buttons for 4s to shut down.

Enable Recording

Long press the button to active the recording, the screen will shows if successful.

Disable Recording

Long press the button to stop the recording, the screen will shows if successful.

Select A Trip From Trips List

Short press the button, the screen will shows , which means all trips; Now you can press the key (Next) or the key (Previous) to select one trip;

Print One Trip's Data

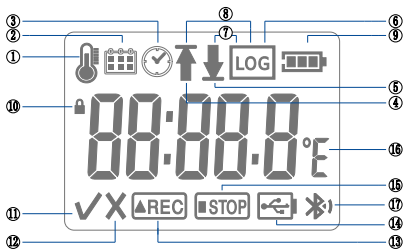
Long press the button to print one trip's data, the screen will shows , which means it will print soon. Tip: it will print the latest trip if you did not select it.

Output Data And Generate Reports

Connect this device to a computer by a type C cable, and you will find a U-Disk where storage all data and reports, more options are available with the help of the accompanying software.

②

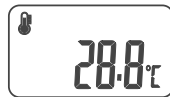
LCD Diagram



- | | |
|------------------------------------------------|------------------------------|
| ① Temperature display interface | ⑩ Keys lock icon |
| ② Date display interface | ⑪ No alarm icon |
| ③ Time display interface | ⑫ Over limit icon |
| ④ Upper limit display interface | ⑬ Record status icon |
| ⑤ Lower limit display interface | ⑭ USB connection status icon |
| ⑥ Record points display interface | ⑮ Non-recording status icon |
| ⑦ Lowest temperature record display interface | ⑯ Temperature unit |
| ⑧ Highest temperature record display interface | ⑰ Bluetooth identifier |
| ⑨ Battery level | |

③

LCD Menu



① Real Time Temp



② Date



③ Time



④ Recordable Temp. Upper Limit



⑤ Recordable Temp. Lower Limit



⑥ Records Count



⑦ Highest Temp. in Records



⑧ Lowest Temp. in Records

④

⑤

Battery Level Instruction

Battery level	Remaining capacity
	60% ~ 100%
	20% ~ 60%
	10% ~ 20%
	< 10%

Note:

- When the remaining battery capacity is less than 20%, it is recommended to replace the battery to prevent inconvenience;
- When the remaining battery capacity is less than 10%, please replace the battery as soon as possible to prevent the battery from running out.

Packing List

- 1 piece of panel data logger with Built-in Li-ion Battery
- 1 piece of the user manual
- 1 piece of eg: MHT-P16 Bluetooth Printer (Optional)

The data logger has a built-in expandable list of printer names and automatically connects to the printers in the list via the Bluetooth "ESC" protocol. With the help of the developer, additional bluetooth printers can be supported by upgrading the list of printer names.

Factory Default Parameters

Temperature unit: °C	Export file type: PDF
Time zone: UTC +8:00	Report language: English
Start mode: start by pressing key	Start delay: 0 min
Stop mode: stop by pressing key	Temperature offset value: ±0.0°C
Temperature upper limit: W116B:70.0°C; W116C:100°C	Temperature lower limit: W116B:-40.0°C; W116C:-200°C
Normal record interval: 1min	Overlimit record interval: 30s
Circular log: enabled	Multiple start: enabled
Long press keys to delete data: enabled	Reset record after finishing configuration: disabled
LCD always on: timing off	Alarm setting: no alarm
Trip No.: XC000000	Trip description: NULL

* Long press:hold the key for no less than 4s.

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