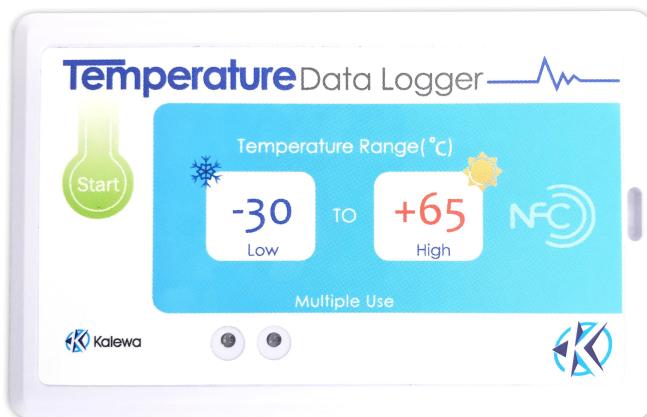


Kalewa Dual Frequency Temperature Data Logger Specification

Product Picture



Product Specification

Current Version **V08.05C**

1	RFID Standard:	NFC	ISO/IEC 14443 Type A
		UHF	ISO/IEC 18000-6
2	Smart Phone Application Program:	Android	Android 5.0 above
3	Product Size:	Length: 85.6mm	Width: 54mm
4	Product Weight:	18.6g / pc	
5	Product Indicator Light:	LED	Red, Green double light indication
6	Product Button:	Microswitch	Parameter setting start button
7	Battery Voltage:	CR2016 button battery	
8	Battery Capacity:	≥80mAH	

9	Shell Material:	Food grade ABS shell
10	Waterproof Grade:	IP67
11	Product Life	2 years (in continuous test mode measured every 15 minutes)
12	Temperature Measurement Range:	-30°C ~ +65°C
13	Temperature	± 0.3°C (within range 0°C ~ +65°C)
	Measurement Accuracy:	± 0.5°C (within range -30°C ~ +65°C)
14	Measurement Interval can be set:	Minimum 5s, Maximum 86400s(24 hours)
15	Clock Precision:	±3% (within range -30°C ~ +65°C)
16	Data Record Storage:	At least 20,000 temperature and time data are stored in nonvolatile memory. If battery runs out, temperature and time data still saved normally
17	Data Record Mode:	"Full record" mode: record all measurement data (time and temperature)
18	Data Upload:	Support FTP server parameter setting and data uploading
19	Data Format:	Standard CSV file, PDF file
20	Language Option:	Chinese/English

Product APP interface



Temperature Logger

8:34PM

NFC UHF

Authorize

Language

About

Clear

Shortcut

V08.0810 - F2003.38 Admin
UID - 04:75:1f:00:e0:10:05

• • • •

Home Interface



Information

8:35PM

NFC UHF

NFC UID 04:75:1f:00:e0:10:05
当前电池电量为 100%

Tag started at Mon, 04 Mar 14:33:53, measuring every 15 seconds.

Upload log files via FTP

EXPORT 

FTP SETUP 

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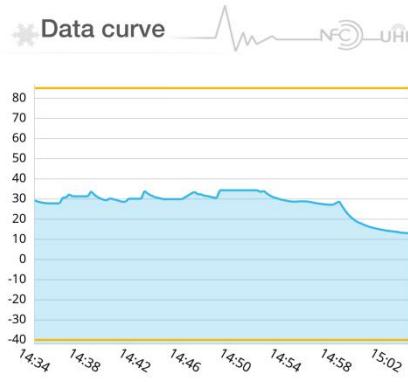
Information State Interface



Data curve

8:35PM

NFC UHF



All 121 stored temperature values have been
Measurement is finish: logging has stopped.
Valid range is between -40.0 °C and 85.0 °C
all values were within these bounds.
Last temperature value recorded at: Mon, 04 Mar
15:03:53

• • • •

Temperature Curve Interface



Configuration

8:36PM

NFC UHF

Wait 1 minute before starting

Measure every 15 seconds

Run 1 week and power-off

All measurements are checked:

-40 °C  Low Limit

85 °C  High Limit

APPLY  RESET 

• • • •

Configuration Interface

FCC Warning Statement Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.