MEITRACK® Temperature Sensor



User Guide

Applicable Model：MVT600/T1/T3

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Content

1. Copyright and Disclaimer 3
2. Applications 3
3. Product Function and Specification 3
   3.1 Product Function 3
   3.2 Specification 3
4. Main Device and Accessories 4
5. Outward Appearance 4
6. First Use 5
   6.1 Fixed Installation 5
   6.2 Connection Terminal 5
7. Occupied Resource with the Applicable Version 6
   7.1 Occupied Resource 6
   7.2 Applicable Versions 6
8. Registration Process 6
9. The Process of Cancelation and Deletion for Historical Data 8
   9.1 Canceled Sensor 8
   9.2 Delete Historical Data Generated by the Sensor 8
10. Query Statement 8
    10.1 History Data Query Statement 8
    10.2 Sensor QueryStatement 9

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2. Applications

- Used for measuring the temperature of the vehicle in different places
- Used to measure real-time changes in ambient temperature

3. Product Function and Specification

3.1 Product Function

- To measure vehicle real-time temperature
- To measure the temperature of high-temperature alarm
- To measure the temperature of low-temperature alarm

3.2 Specification

Item	Description
Sensor Dimension	Ø5*30mm
Operating Frequency	125KHZ
Operating Voltage	3V~5.5VDC
Temperature Range	-55℃-125℃
Measurement Accuracy	±0.5℃
Packaging Materials	Stainless steel tube or nickel-plated brass
Cable	PVC plastic cable line
Line Length	Standard five meters

4. Main Device and Accessories

- Digital Temperature Sensor
- One piece of power cord for 6P to 4P
- A61 Converter

Note:

1. In standardization, a digital temperature sensor, a piece of power cord for 6P to 4P and oneA61 converter.
2. One A61 converter only connect four digital temperature sensors
3. If the customer need to connect 8 digital temperatesensors, two A61 converter and two pieces of power cord for 6P to 4P will be needed.

5. Outward Appearance

- Digital Temperature Sensor



- A61 Converter



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❍ Power Cord for 6P to 4P



6. First Use

6.1 Fixed Installation

❍ Digital temperature sensor with vehicle , according to customers' needs

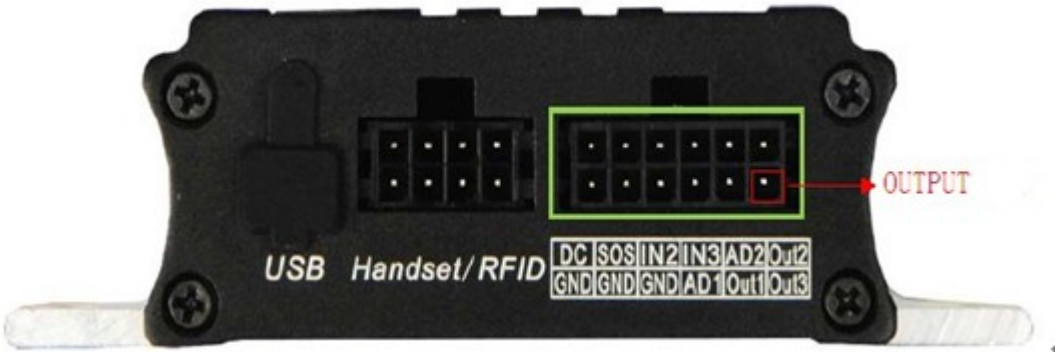
6.2 Connection Terminal

❍ The locator terminal temperature sensor interface into a dedicated interface.

MVT600 dedicated AD3interface is as follow:



T1 dedicated OUTPUT3interface is as follow:



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7. Occupied Resource with the Applicable Version

7.1 Occupied Resource

- T1: Out3
- MVT600:AD3

Note：Devices to be used when the temperature sensor, the new hardware version T1's Out3 and MVT600's AD3 will no longer for other functions.

7.2 Applicable Versions

Model	Software Version	Hardware Version	Note
MVT600	MVT600_FW6.11D	V2.6 and above	MVT600's AD3 will no longer for other functions
T1-RFID	T1RFID_FW1.21D	V1.8 and above	T1's Out3 will no longer for other functions

8. Registration Process

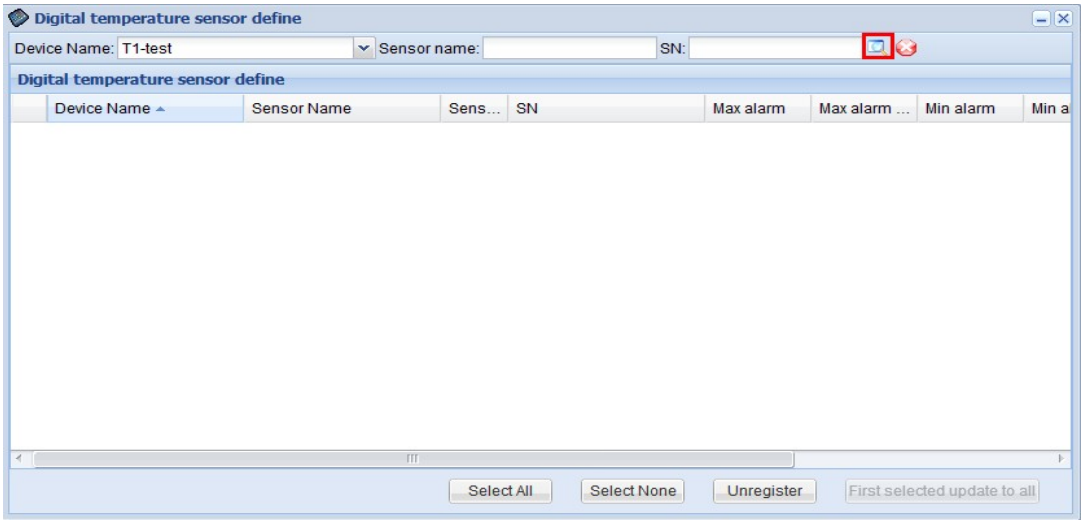
1. Properly installed digital temperature sensor interface corresponding to the device terminals, adding the deviceT1 or MVT600 to the platform, the temperature sensor will be automatically registered.

2. Log in the platform and open the management menu, after that click "digital temperature sensor definition"(As shown below)

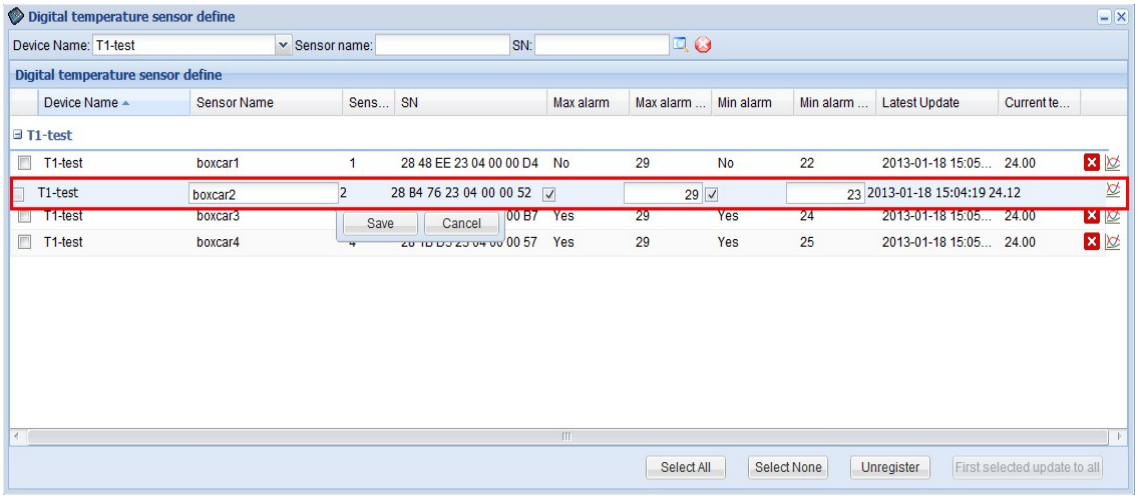


3. Click the drop-down menu, select the device name and then click on the "Search"button (As shown):

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4. SN sensor platform displayed on SN comparison, you can fill in the corresponding sensor descriptive name (to distinguish sensor) , choose whether upper and lower alarm and fill in the appropriate alarm maximum and minimum values, and then save (as shown below):



Note:

1. Each device can register up to Eight temperature sensors, the device must be registered online. Ensure the proper installation and connection to the power supply.

2. Once the appropriate temperature sensor exceeds the maximum or below the minimum defines the upper and lower alarm will generate an alarm.

3. The sensor description name fixed 16 bytes, maximum support of the Chinese Eight Chinese characters,15 characters.

4. The sensor number range: 1 to 255, not the registration number in order;

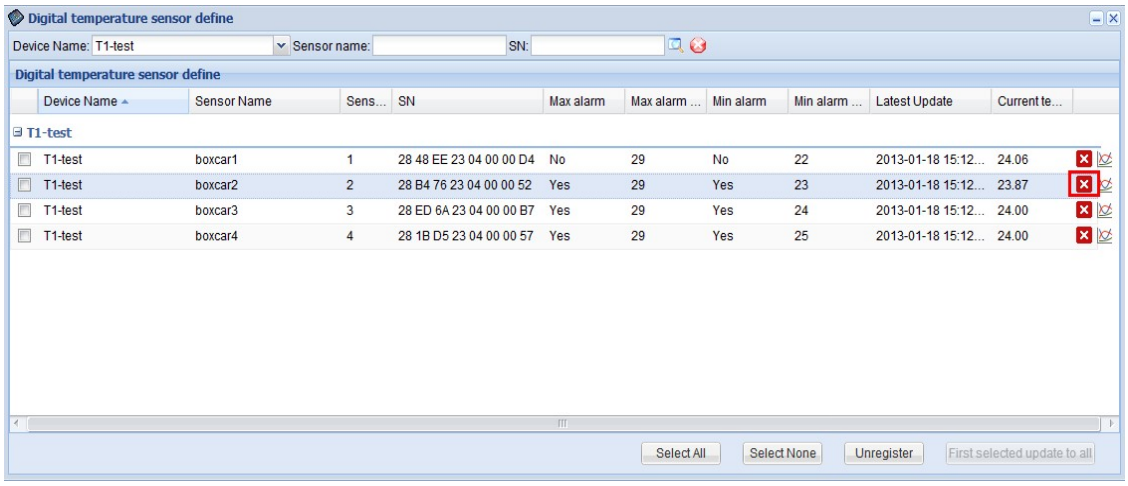
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9. The Process of Cancelation and Deletion for Historical Data

9.1 Canceled Sensor

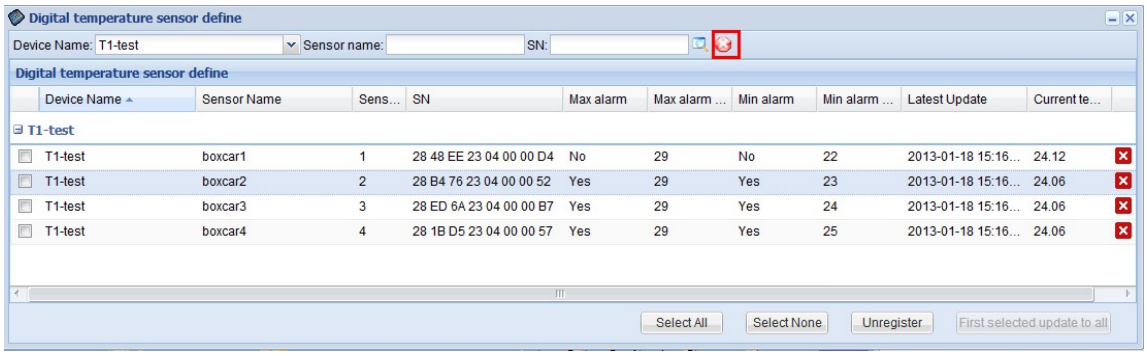
The head prior to the registration of the sensor is not in use, or damage to, cancellation of the corresponding sensor, thereby leaving the ID to register a new sensor. Log off process does not remove the historical data generated by the sensor. For completely remove 9.2 operation.

Example: If the cancellation of the registered name right rear windscreen of a temperature sensor directly click on the right side, if canceled more specified sensor can click below the logout button (as shown below)



9.2 Delete Historical Data Generated by the Sensor

Select the appropriate sensor, click on the top of the dialog delete button (as shown below)

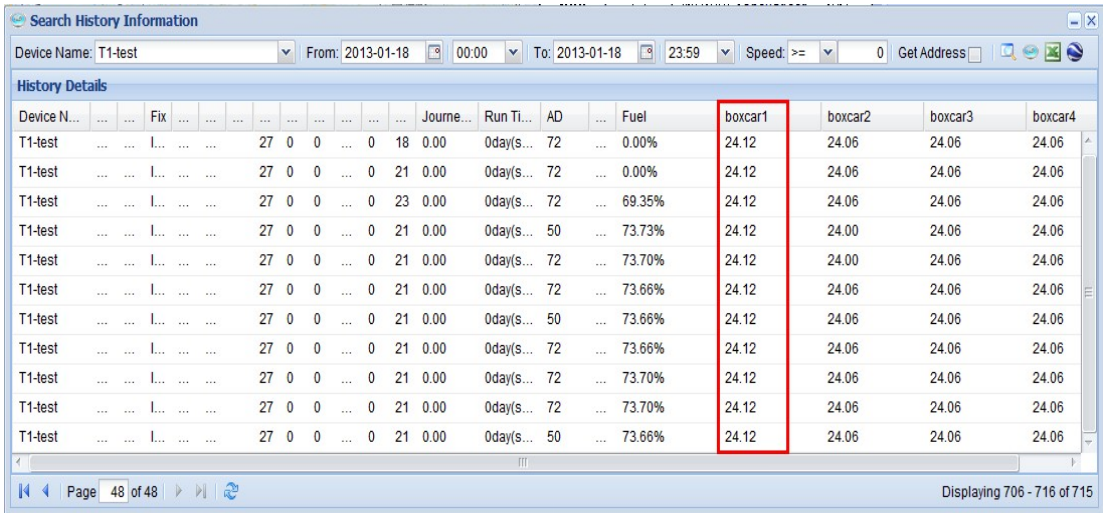


10. Query Statement

10.1 History Data Query Statement

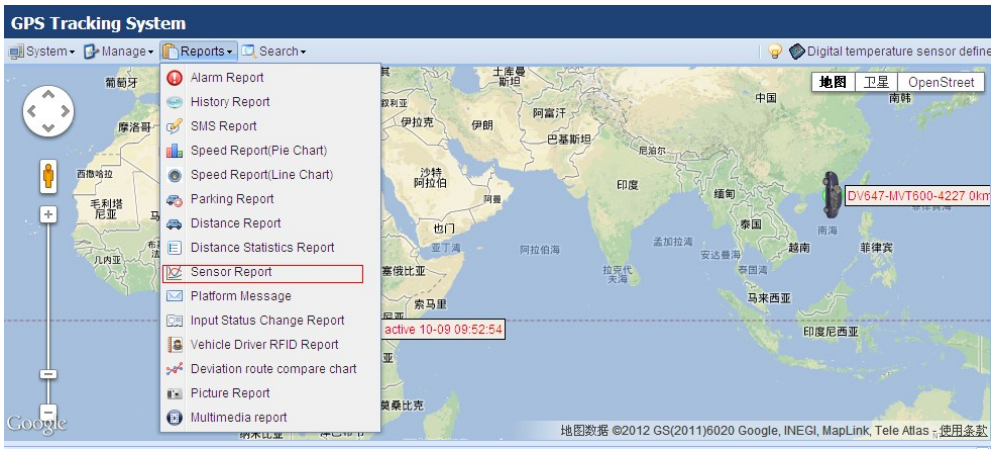
Historical data statement is available to define the name of the temperature sensor temperature (as shown in red box to display the windshield has been defined 1) Note: When undefined temperature sensor name will notbe able to query the historical data and statements related sensors.

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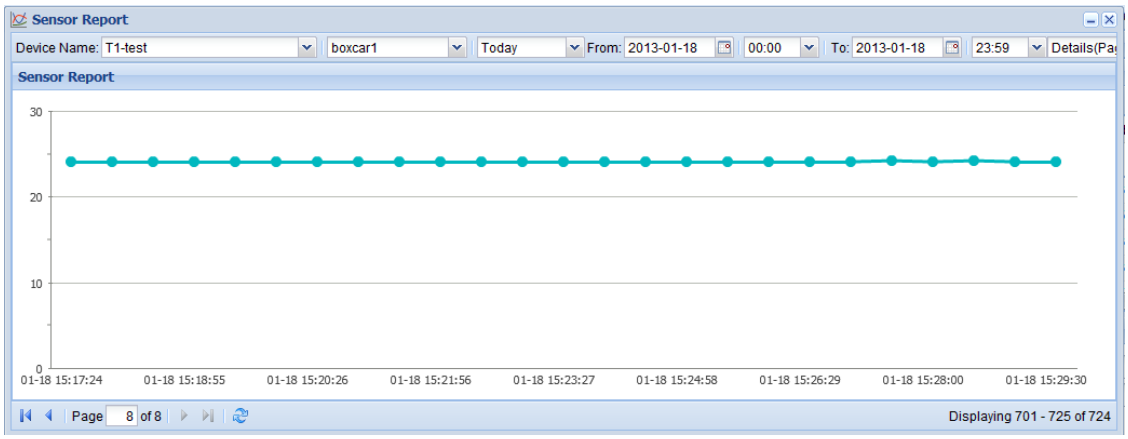


10.2 Sensor QueryStatement

1. Directly click on the sensors statement which is under the query statements (As shown in the red box).



2. Select the appropriate device name and sensor descriptive name, click on the search period the Corresponding temperature statements (As shown)



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