



Note: Support for Windows 10 or newer.


Configure instruction:


1. Please use a USB Type-C cable to connect the machine to the computer. At this time, the two LEDs of the machine will flash, and open the configuration software.


Real-time Data Logger Configure Software v1.2.94 2025/04/24 11:29:58


Read

Save

Initialization

DFU

About

Exit

Basic Information

ID:

Device Time:

Network Setting

APN:

APN Type:

Enable DNS: ☐

User Name:

Auth Type:

DNS1:

Password:

DNS2:

Status Setting

Device Status:

Recording Interval: min

Transmission frequency: 1-1440

Button Shutdown: ☒ Enable ☐ Disable

Temperature Unit Setting

Temperature Unit: ☒ °C ☐ °F

GPS settings

GPS On: ☐ Enable

Built-in temperature & humidity alarm settings

High temperature threshold: °C

Low temperature threshold: °C

High humidity threshold: %

Low humidity threshold: %

External temperature alarm settings

High temperature threshold: °C

Low temperature threshold: °C

Light alarm settings

High threshold of light: lux

Low threshold of light: lux

Vibration alarm settings

Vibration threshold: ~

Other Setting

Command







Send

Read

2. After the two LEDs turn on normally, click "Read" to read the machine interface parameter configuration.

Note: If there is an unknown device prompt, please plug and unplug the USB cable again and confirm that the computer has generated a new disk before clicking "Read".

Real-time Data Logger Configure Software v1.2.94 2025/04/24 11:51:34

Basic Information

ID: 190024010000131 Device Time: 2025/04/24 11:30:28

Network Setting

APN: iot.1nce.net APN Type: IP Enable DNS: ☐
User Name: Password: Auth Type: NONE DNS1: 0.0.0.0 DNS2: 0.0.0.0

Status Setting

Device Status: Turn off
Recording Interval: 5 min
Reporting Interval: 5 min
Button Shutdown: ☒ Enable ☐ Disable

Temperature Unit Setting

Temperature Unit: ☒ °C ☐ °F

Server Connection Setting

IP/Domain: g.cloud.tzonedigital.cn Port: 18801 [1 ~ 65535] TCP/UDP: TCP

GPS settings

GPS On: ☒ Enable

Built-in temperature & humidity alarm settings

High temperature threshold: 100 °C Low temperature threshold: -40 °C
High humidity threshold: 100 % Low humidity threshold: 0 %

Light alarm settings

High threshold of light: 200 lux Low threshold of light: 0 lux

Vibration alarm settings

Vibration threshold: 2 g

Other Setting

Command:

3. After finished configuring, please click “Save” to save the setting:

Real-time Data Logger Configure Software v1.2.94 2025/04/24 11:30:39

Read Save Initialization DFU About Exit

Basic Information

ID: 190024010000131 Device Time: 2025/04/24 11:30:28

Network Setting

APN: iot.1nce.net APN Type: IP Enable DNS: ☐
User Name: Auth Type: NONE DNS1: 0.0.0.0
Password: DNS2: 0.0.0.0

Status Setting

Device Status: Turn off
Recording Interval: 60 min
Reporting Interval: 60 min
Button Shutdown: ☒ Enable ☐ Disable

Temperature Unit Setting

Temperature Unit: ☒ °C ☐ °F

Server Connection Setting

IP/Domain: g.cloud.tzonedigital.cn Port: 18801 [1 ~ 65535] TCP/UDP: TCP

GPS settings

GPS On: ☒ Enable

Built-in temperature & humidity alarm settings

High temperature threshold: 100 °C Low temperature threshold: -40 °C
High humidity threshold: 100 % Low humidity threshold: 0 %

Light alarm settings

High threshold of light: 200 lux Low threshold of light: 0 lux

Vibration alarm settings

Vibration threshold: 2 g

Other Setting

Command

Send Read

Tips

Successfully saved!

确定

If you need to copy the ID of the machine, you can click the copy ID in the picture below

Real-time Data Logger Configure Software v1.2.94 2025/04/27 09:06:46

Read Save Initialization DFU About Exit

Basic Information

ID: 190124010000026 Device Time: 2025/04/27 09:06:37

Network Setting

APN: iot.1nce.net APN Type: IP Enable DNS: ☐
User Name: Auth Type: NONE DNS1: 0.0.0.0
Password: DNS2: 0.0.0.0

Status Setting

Device Status: Turn on
Recording Interval: 60 min
Reporting Interval: 60 min
Button Shutdown: ☒ Enable ☐ Disable

4. Configuration parameters:

(1) Basic information:

ID:Unique ID of device

Device time:the computer time

(2) Network Setting:

APN/User name/Password/APN Type/Auth Type:

Some simcard need set the APN/User name/Password/APN Type/Auth Type to work. Please confirm with your simcard supplier about it, or you can contact with Tzone for help.

DNS:Domain name resolution

(3) Status setting

Device Status:Can read turn on or turn off the device

Recording Interval : set the recording interval of the machine,can be set from 5 /10/15/30/60 mins, the default is 60 mins

Reporting Interval: set the reporting interval of the machine, can be set from 5 /10/15/30/60 mins, the default is 60 mins

Button Shutdown:to set the TT19 enable/disable to be turned off via physical button.

(4) Temperature unit setting

Temperature unit: to set the TT19 selectable from °C/°F, the default is °C.

(5) Server connection setting:

IP/Domain: you can set your server Ip or domain

The Tzone server domain is:g.cloud.tzonedigital.cn

port: you can set your server port,the port range is from 1 to 65535

The Tzone server domian is : 18801

TCP/UDP: can choose the data transmission as TCP or UDP, the default is TCP.

(6) GPS setting

GPS On: Set whether to enable GPS function

Only support TT19 and TT19EX.

(7) Built in temperature and humidity alarm settings

High temperature and low temperature thresholds: temperature range is from -200 to 1400 °C, the high temperature defaults is 100 °C and low temperature defaults is -40 °C.Accurate to 0.1°C.

High humidity and low humidity thresholds: humidity range is from 0% to 100%, the high humidity defaults is 100% and low humidity defaults is 0%. Accurate to 0.1%.

External temperature and humidity alarm settings

High temperature and low temperature thresholds: temperature range is from -200 to 1400 °C, the high temperature defaults is 100 °C and low temperature defaults is -40°C. Accurate to 0.1°C.

High humidity and low humidity thresholds: humidity range is from 0% to 100%, the high humidity defaults is 100% and low humidity defaults is 0%. Accurate to 0.1%

Note: Only external versions are supported, while external single temperature versions only have temperature settings.

(8) Light alarm setting

Light sensitivity high and low threshold: light sensitivity range is from 0lux to 64000lux, the default light sensitivity high threshold is 64000lux, and the default light sensitivity low threshold is 0lux.

(9) Vibration alarm setting:

Vibration threshold: vibration range is from 0 to 16g, default is 0g, accurate to mg.

(10) Built in Calibration setting:

Temperature:temperature calibration, range from -5 to 5°C, Accurate to 0.1 °C

Humidity:humidity calibration, range from -10 to 10%; Accurate to 0.1%

External Calibration setting:

Temperature:temperature calibration, range from -5 to 5°C, Accurate to 0.1 °C

Humidity:humidity calibration, range from -10 to 10%; Accurate to 0.1%

Note: Only external versions are supported, while external single temperature versions only have temperature settings.

(11) Other settings:

initialization: recovery the device to factory setting

