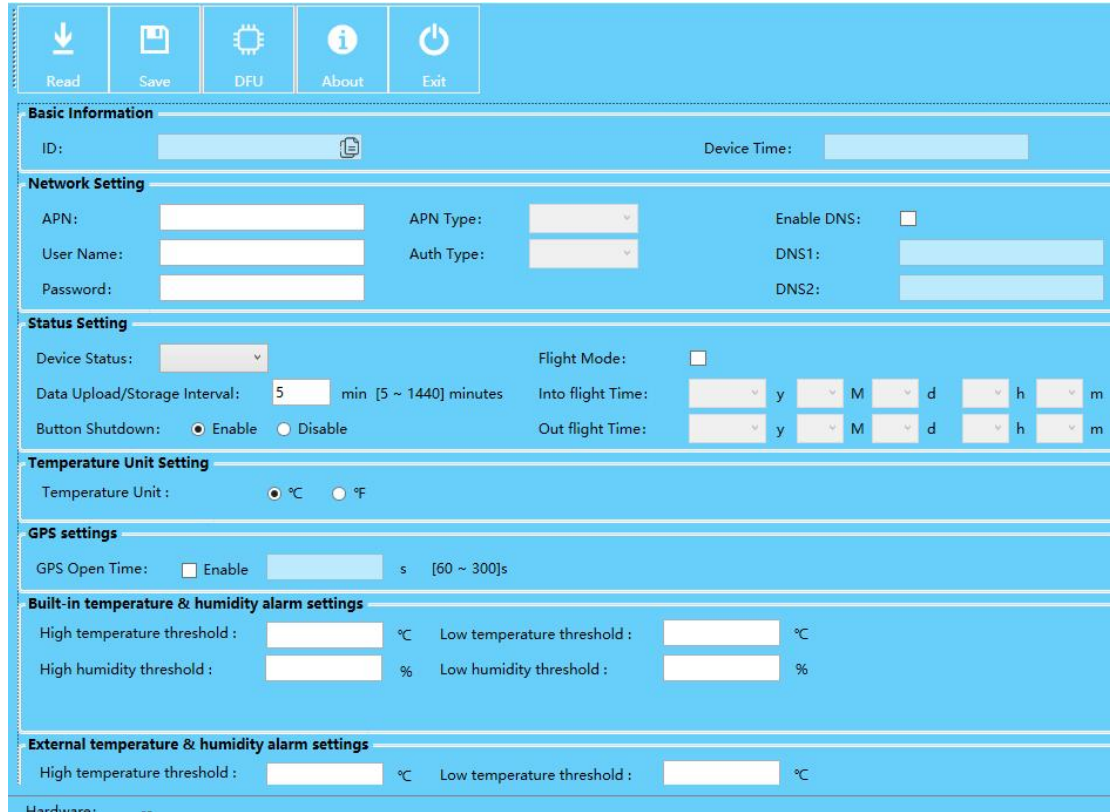


Configure instruction:

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.



The screenshot displays a configuration software interface with a blue header bar containing five buttons: Read, Save, DFU, About, and Exit. Below the header, the interface is organized into several sections:

- Basic Information:** Fields for ID and Device Time.
- Network Setting:** Fields for APN, APN Type, Enable DNS, User Name, Auth Type, DNS1, Password, and DNS2.
- Status Setting:** Fields for Device Status, Flight Mode, Data Upload/Storage Interval (5 min), Into flight Time, Button Shutdown (Enable/Disable), and Out flight Time.
- Temperature Unit Setting:** Radio buttons for °C and °F.
- GPS settings:** Field for GPS Open Time (Enable/Disable, 60 ~ 300s).
- Built-in temperature & humidity alarm settings:** Fields for High/Low temperature and High/Low humidity thresholds.
- External temperature & humidity alarm settings:** Fields for High/Low temperature thresholds.
- Hardware:** A partially visible field at the bottom.

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".

Read Save DFU About Exit
CCID: 898604D6102282601141
IMEI: 867284060700210
Copy
Copy

Basic Information

ID: 190023100000001 Device Time: 2023/08/24 17:08:12

Network Setting

APN: 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 Flight Mode:
 Data Upload/Storage Interval: 60 min [5 ~ 1440] minutes Into flight Time: 2023 y 08 M 24 d 14 h 57 m
 Button Shutdown: Enable Disable Out flight Time: 2023 y 08 M 24 d 15 h 22 m

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 Open Time: Enable 90 s [60 ~ 300]s

Built-in temperature & humidity alarm settings

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

Hardware: TT19_Li_A7670_Mul_TCP_Standard_V1.01

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

Read Save DFU About Exit
CCID: 898604D6102282601141
IMEI: 867284060700210
Copy
Copy

Basic Information

ID: 190023000000001 Device Time: 2023/08/24 09:55:40

Network Setting

APN: cmnet 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 Flight Mode:
 Data Upload/Storage Interval: 30 min [5 ~ 1440] minutes Into flight Time: y M d h m
 Button Shutdown: Enable Disable Out flight Time: y M d h m

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 Open Time: Enable 100 s [60 ~ 300]s

Built-in temperature & humidity alarm settings

High temperature threshold: 30 °C Low temperature threshold: -40 °C
 High humidity threshold: 100 % Low humidity threshold: 0 %

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 set turn on or turn off the device

Flight Mode:Can set the TT19 into or quit flight mode.

Please note only when the device status is turn on, then can set the flight mode.

Data upload/storage interval:can be set from 5 to 1440 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 time: It is possible to set the GPS on time for a single transmission, with a time range of 60-300 seconds and a default of 90 seconds; It is necessary to choose an appropriate value based on the actual signal situation, otherwise if the value is too small, GPS may not be received, and if the value is too large, the power consumption of the machine will increase;

If GPS function is not required, uncheck it;

(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:

Clear data flash:clear all of the data stored in TT19

initialization:recovery the device to factory setting