TZ-TT18

Configuration Manual V2.0.2

Content

1. USB RS232 Cable

The RS232 cable is modified based on the normal RS232 Cable. It can be used to configure TT18 on personal computer.
Before using configuration software, please connect our device to computer via our RS232 cable. The smaller USB port connects with the GPRS temperature and humidity transmitter TT18, the bigger USB port connects with the computer.

2. Step

1) Install. NET Framework
2) PL-2303 driver is for RS232 configuration cable,

Please install 

under windows systems (XP/Vista/Win7/Win8)

3) Connect the configuration cable to the computer.
4) Go to desktop, choose My Computer-> click right button -> choose Manager-> System Tools -> Device Manager -> Ports, you will find the port which configuration cable is using 

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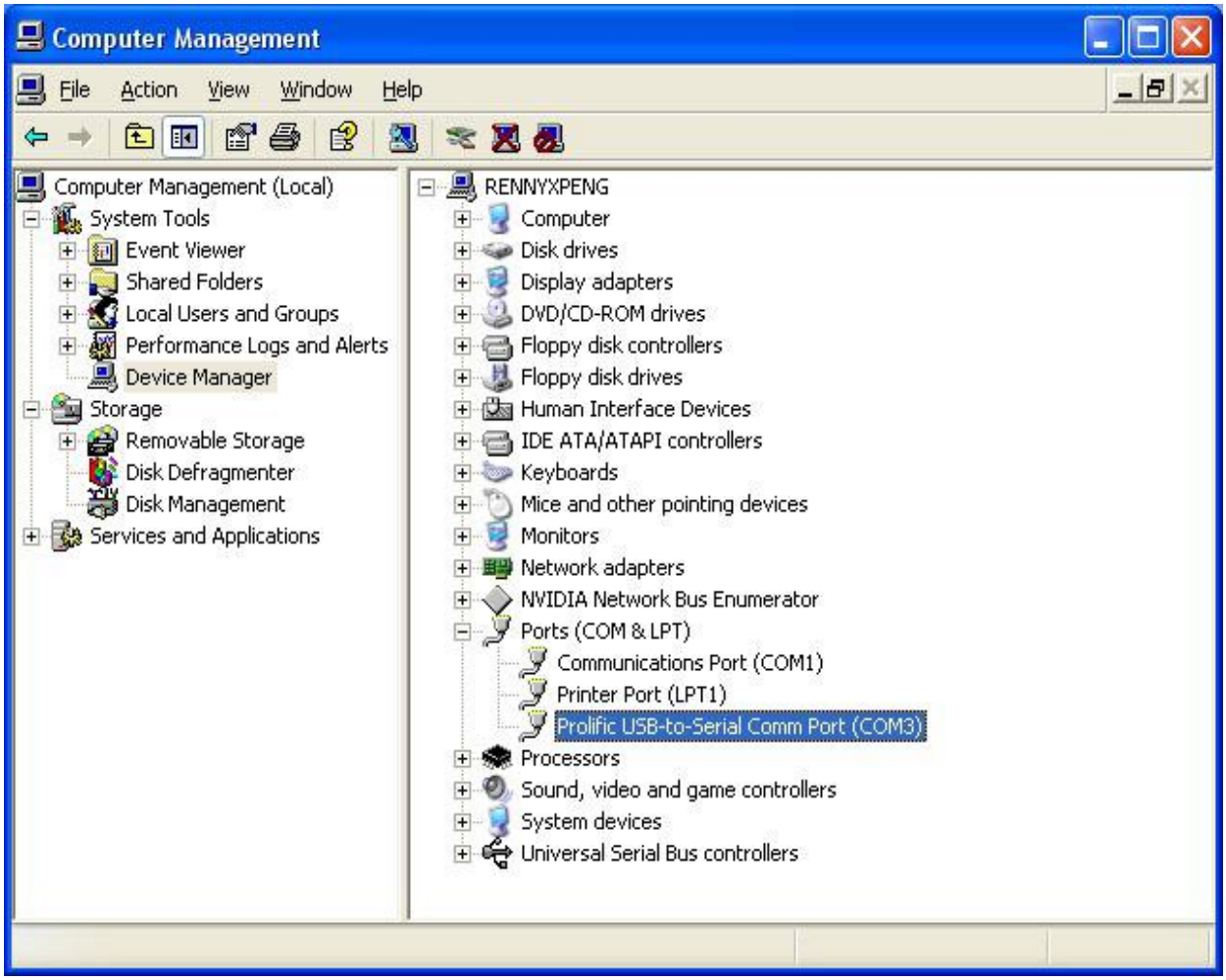

5) Connect TT18 with computer via the configuration cable.
6) Run the configuration software 

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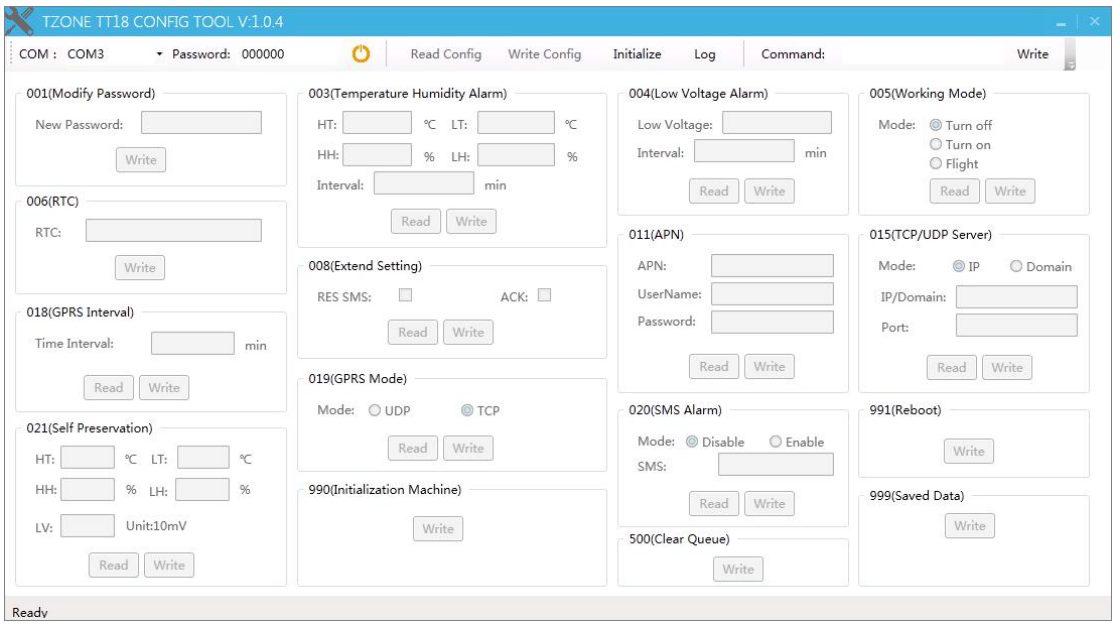
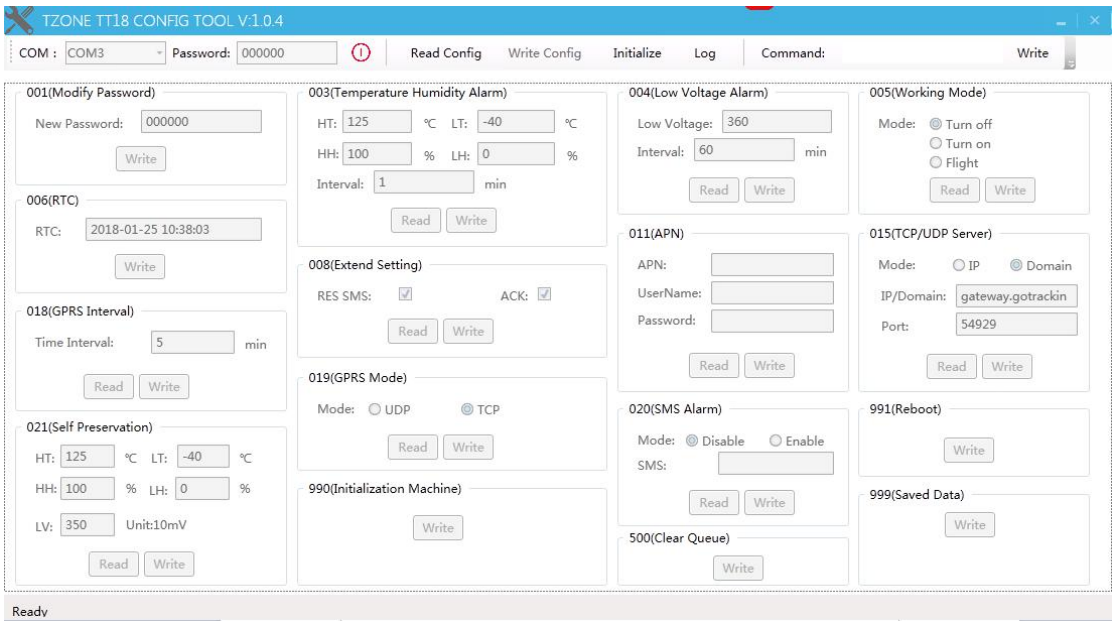


7) Turn on TT18.

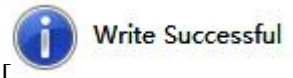
8) Please select the correct COM port and write correct password. Then click[ ] button on the software. Open it.



9) Click [Read Config] button , the

[Read Successful] will be shown on, read all the parameter.

10) Click [Write Config] button, it will be shown.



[ ], write all the parameter.

11) Click [Initialize],initialization the machine.

12) Click [Log], can open the log mode.

13) Com port data stored [Save]

14) Clear com port data [Clear]

15) Stop com port data [Pause]

16) Running com port data[Run]

16) Refer to the instructions of the SMS instruction list, the white strip which input you want to send the instructions and click on send, this feature can configure your machine faster.

Command:

[Write] Send the current command

3. Configure Software

Choose the port which configuration cable is using. The port name is “Prolific USB-to-Serial Com Port”, then press “Connect” button.

Each instruction can be separately read and written.

Modify Password (001)

New password: set the new password

Temperature Humidity Alarm (003)

HT=[-40~125], high-temperature threshold(unit:℃, default:100℃)
LT=[-40~125], low-temperature threshold(unit:℃, default:-20℃)
The value of the HT must be higher than LT. If the temperatures exceed [A, B], the alarm data will be sent out.
HH=[0~100],high-humidity threshold(unit:%,default:80%)
LH=[0~100],low-humidity threshold(unit:%,default:20%)
The value of HH must be higher than LH. If the humidity exceed [A, B], the alarm data will be sent out.
Interval=[1,60], the data transmission interval when the temperature is beyond the threshold. (unit:min, default:1 min)

Low Voltage Alarm (004)

Low voltage: it is the low power alarm voltage, eg: 3.8v, low voltage=380 (default:350)
Interval=[1~60] The low power to send data interval time(unit:min, default:60, 0 is without sending data)

Working Time (005)

Mode: Power off
Power on
Flight

RTC (006)

RTC: Write or read the time of the machine
For example：
2017-03-02 09:39:58
Year: 17
Month: 3
Day: 2
HH: 09
Minute: 39
Second: 58

Extend Settings (008)

RES SMS: Don't choose, Disable machine information report function which get machine information SMS by Calling
RES SMS:Choose, Enable machine information report function which get machine information SMS by Calling(default)
ACK:Don't choose,disable GPRS ACK function
ACK:Choose,enable GPRS ACK

Set APN (011)

APN: APN for GPRS function of GSM provider (max 27 characters)
User Name: Some GSM providers require GPRS login with user name. If no name in need, please keep in blank (max 27 characters)
Password: Some GSM providers require GPRS login with password. If no password in need, please keep in blank (max 27 characters).

TCP UDP Server (015)

mode: IP or Domain
IP/domain: This is the server DNS/IP address. The server must have a fixed DNS/IP address.
Port: TCP port of server

GPRS Standby (017)

Time Interval : The temperature and humidity sampling interval in standby mode. [1,600]/min

GPRS Power On (018)

Time Interval: The temperature and humidity sampling interval under normal conditions[1,60]/min

GPRS Mode (019)

Mode
TCP: TCP data transfer mode
UDP: UDP data transfer mode

SMS Alarm (020)

M ode
Disable: disable this function
Enable: enable this function
SMS Number: the SIM card number of receiving the alarm.

Self Preservation (021)

HT=[-40~125], high-temperature threshold(unit:℃, default:100)
LT=[-40~125], low-temperature threshold(unit:℃, default: -40)
The value of HT must be higher than LT. If the temperatures exceed [A, B], it will save data
HH=[0~100], high-humidity threshold(unit:%,default:100)
LH=[0~100], low-humidity threshold(unit:%,default:0)
The value of HH must be higher than LH. If the temperatures exceed [A, B], it will save data
LV=[350,430], low power threshold(unit:10mv,default:350)

Initialization Machine (990,099)

It will set all parameters to factory default value (Excluding the Password).

Reboot (991)

It will reboot the TT18

Saved Data(999)

Through the USB configuration cable, read the machine records in the Flash to the computer

Clear (500)

Clear history in the flash memory