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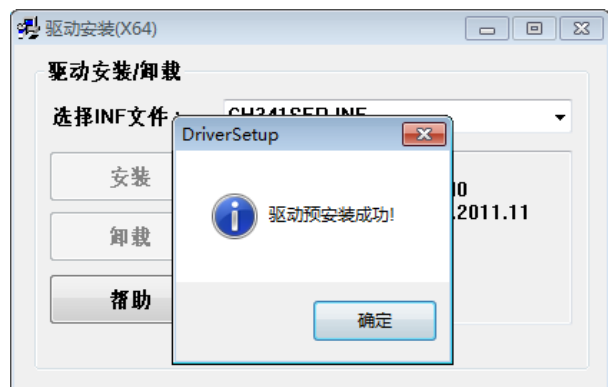
## GETTING STARTED

Please go through this “USER GUIDE” carefully before operation. All you need to prepare are a PC running under Windows XP/Vista/7/8 (32bits or 64bits) with USB port and CD-ROM drive. CD including LogLive package and Drive.

## DRIVE INSTALLATION

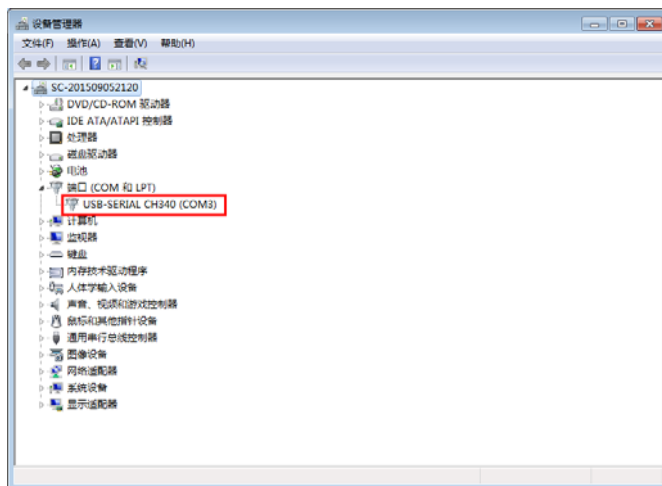
Insert the CD into your PC CD-ROM drive; Open Driver file  and run the drive

program  as follows:



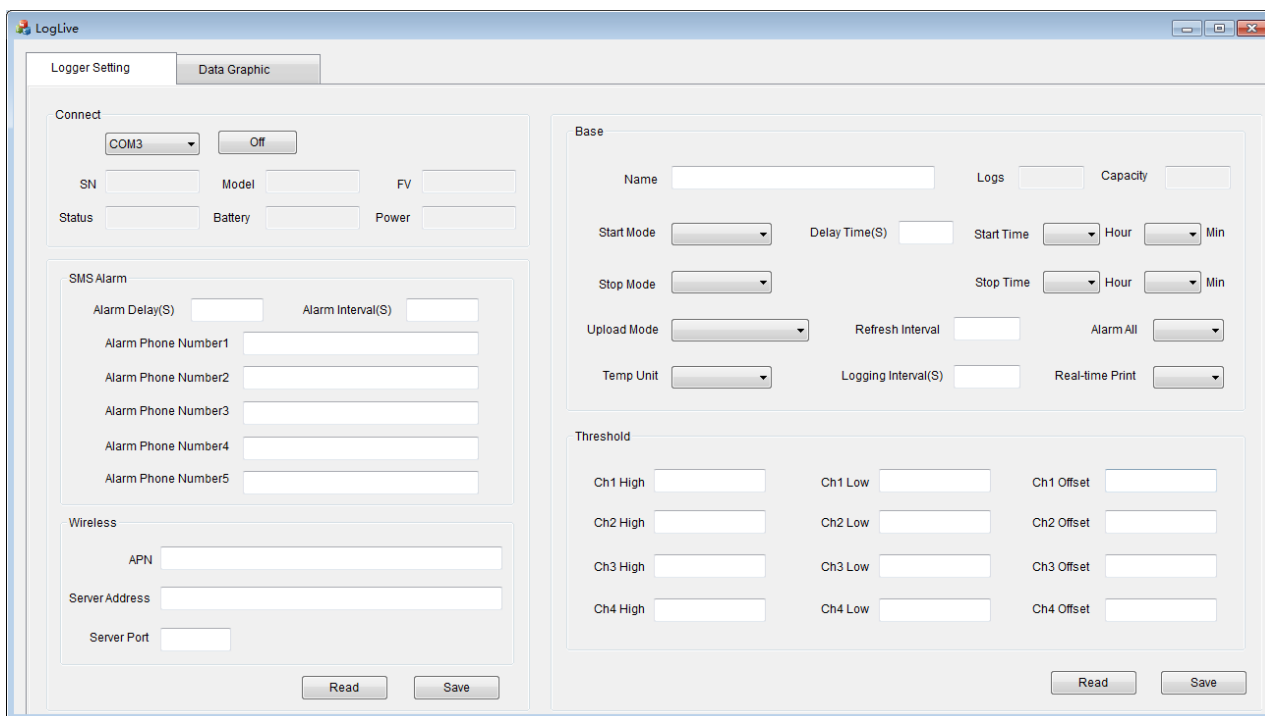
③ Check port No : Click ( Computer ) —— Device Manager —— Port, you can see which Port No as follow picture shows:

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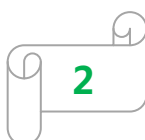


## DEVICE SETTINGS

LogLive is a green software and no need extra installation. Double click then you can open the following interface.

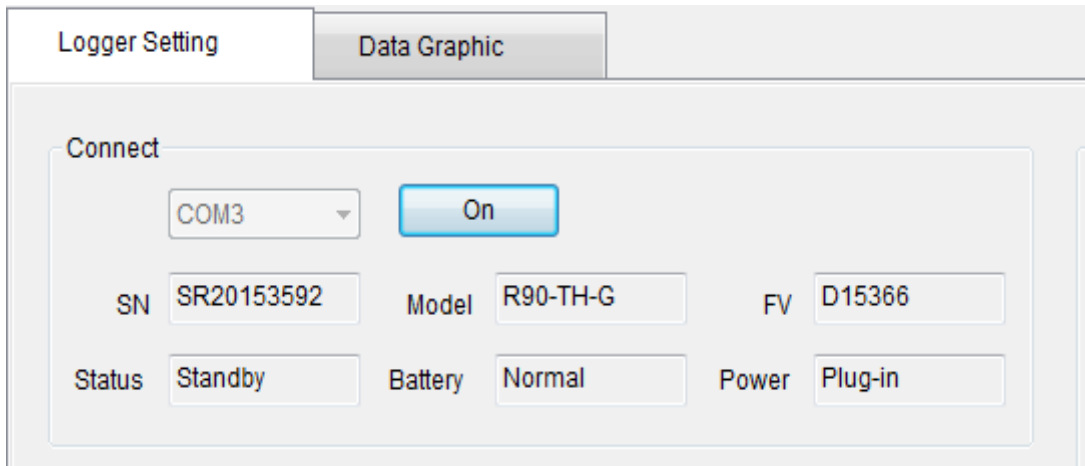


## CHOOSE PORT NO



## LogLive USER GUIDE

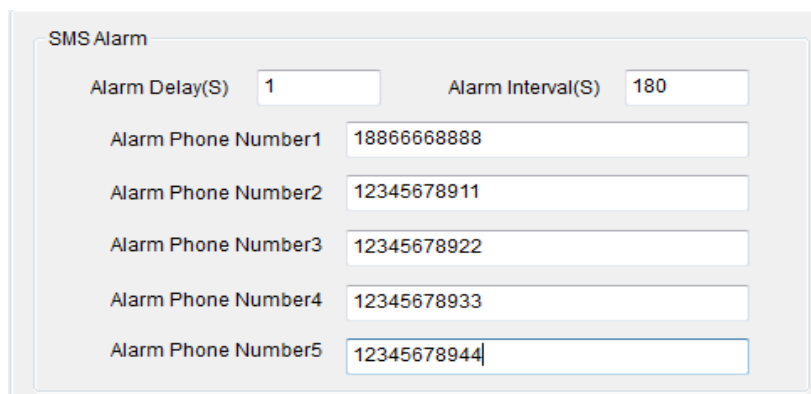
Under the “Connect” column, refresh and chose the correct port no ; click On then you can read the basic information as follows :



Field	Value
Connect	COM3
On	On
SN	SR20153592
Model	R90-TH-G
FV	D15366
Status	Standby
Battery	Normal
Power	Plug-in

## GSM SMS ALARM SETTINGS

Under the “SMS Alarm” column, users can set 1 to 5 phone numbers according to their needs. Alarm delay and Alarm interval also can be set here. (Suggest alarm interval more than 180s). As follows:



Field	Value
Alarm Delay(S)	1
Alarm Interval(S)	180
Alarm Phone Number1	18866668888
Alarm Phone Number2	12345678911
Alarm Phone Number3	12345678922
Alarm Phone Number4	12345678933
Alarm Phone Number5	12345678944

**NOTICE : This function is only for GSM GPRS SMS data loggers. Ignore this for other models.**

## WIRELESS DEVICE SETTINGS

Under the “ Wireless” column, users can fill in the corresponding parameters based on 在 actual usage situation. This function is only for data loggers with gprs/wifi/zigbee wireless

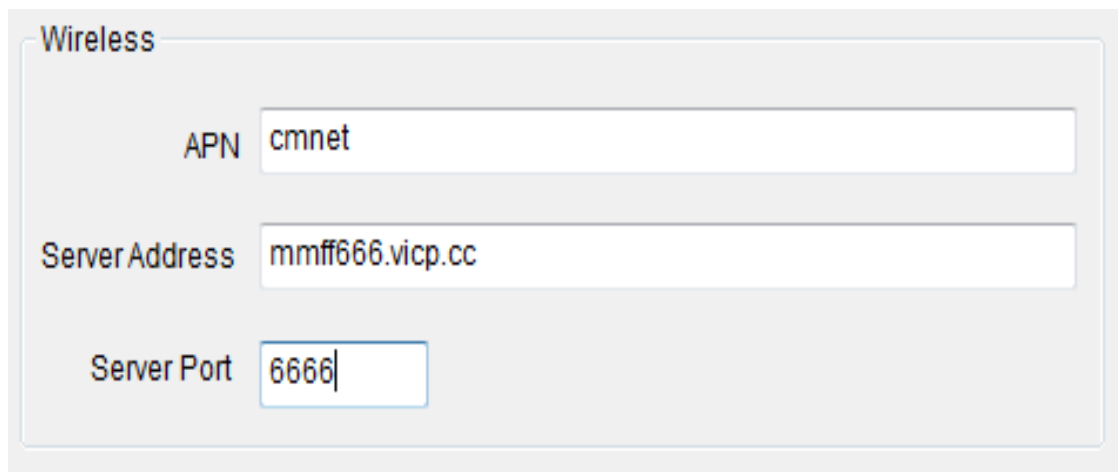
uploading and real-time monitoring solution functions. Ignore this for other models.

### GPRS GSM device settings

APN : Fill in the mobile phone card operator (do not support CDMA )

Server address : Fill in fixed IP or Domain account (DDNS)

Server Port : Fill in same one as Network port on TronFlux.



The screenshot shows a 'Wireless' settings panel with three input fields. The 'APN' field contains 'cmnet', the 'Server Address' field contains 'mmff666.vicp.cc', and the 'Server Port' field contains '6666'.

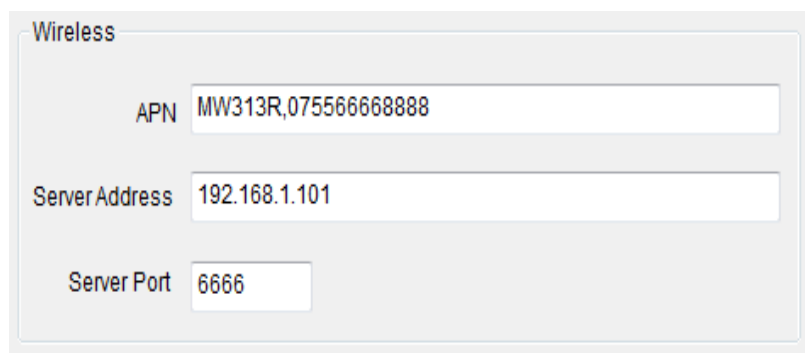
Field	Value
APN	cmnet
Server Address	mmff666.vicp.cc
Server Port	6666

### WiFi device settings

APN : Fill in router' s user name and password (use comma between the user name and password)

Server address : Fill in Server PC IP address ( the PC IP address which installed TronFlux and running)

Server Port: Fill in same one as Network port on TronFlux



The screenshot shows a 'Wireless' settings panel with three input fields. The 'APN' field contains 'MW313R,075566668888', the 'Server Address' field contains '192.168.1.101', and the 'Server Port' field contains '6666'.

Field	Value
APN	MW313R,075566668888
Server Address	192.168.1.101
Server Port	6666

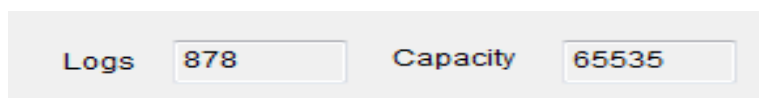
**Remember click “Save” after settings finished. Click “ Read” can see settings and rewrite again.**

### Basic settings

**Name** : Edit device name as you want ( Ex: R90TH-G, should be within 16 characters )

**Logs** : Data number recorded in data logger. It is 878 readings as the picture shows.

**Capacity** : Recording capacity of data logger; It is 65535 readings capacity as the picture shows.

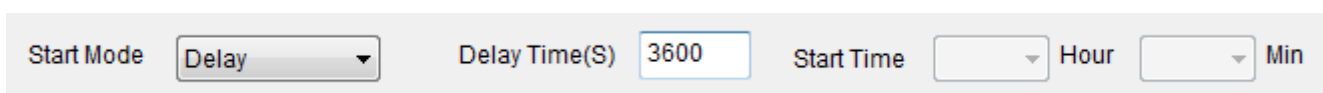


The screenshot shows two input fields. The first is labeled 'Logs' and contains the number '878'. The second is labeled 'Capacity' and contains the number '65535'.

### Start mode

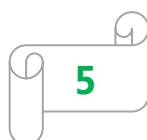
① Immediately : Data logger will start logging immediately once users press Log button on device after settings.

② Delay: Users can select this when need log delay after 1 hour (or fill in other time), Save settings and press Log button on device. Settings example as follows:



The screenshot shows three settings: 'Start Mode' is a dropdown menu with 'Delay' selected; 'Delay Time(S)' is an input field with '3600'; 'Start Time' consists of two dropdown menus, 'Hour' and 'Min'.

③ Timing: Users can select this when need log and stop at certain time. Ex: start at 8.00am and stop 18.00pm as follows:



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Start Mode	<input type="text" value="Timing"/>	Delay Time(S)	<input type="text"/>	Start Time	<input type="text" value="08"/>	Hour	<input type="text" value="00"/>	Min
Stop Mode	<input type="text" value="Timing"/>			Stop Time	<input type="text" value="18"/>	Hour	<input type="text" value="00"/>	Min

### Stop mode

① FIFO: First in first out, data loggers records all the time and delete the first logs when logging is full.

② Stop as Full: Data logger stops logging when logging is full.

**Upload Mode:** there are 2 modes; Hold after Upload and Delete after Upload. Logs still keep there after uploading to PC when choose the first one and logs will be deleted automatically after uploading when choose the second one.

**Refresh Interval:** Data logger display refresh time

**Alarm All :** On/off sound and light alarm of the data logger

**Temp Unit:** Celsius and Fahrenheit are available

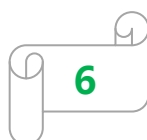
**Logging Interval :** Set logging interval for data loggers

### Real-time Print

Data loggers real-time print function ON/OFF. Data loggers will print on site once logging as log interval. Notice: This function is for data loggers support mobile thermal printer. Ignore this for other models.

## Thereshold

**CH1 :** High and Low mean the alarm limits of device. Users can set high and low limits according to their actual situation. CH2/CH3/CH4 are similar function as CH1. Offset is for professionals. Ignore this for end-users.

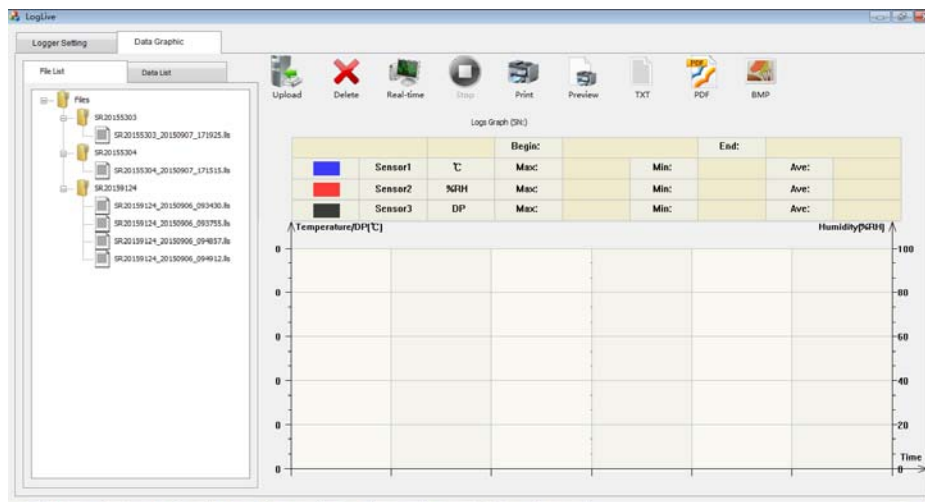


# LogLive USER GUIDE

Please remember click “ Save ” after all settings. Click “ Read ” can check or rewrite again.

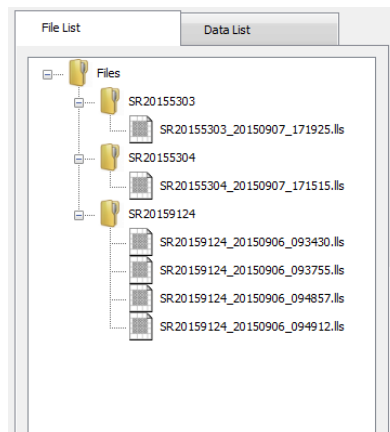
## DATA GRAPHIC

Uploading and data saving interface.



## File List

Click can check records after uploading. File name is with Serial no and uploading time.



## Data List



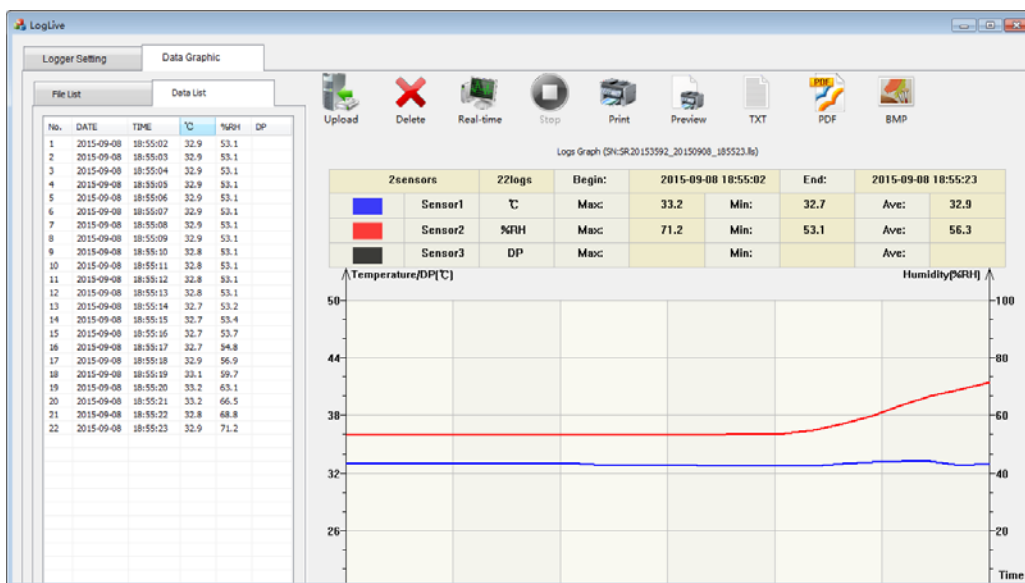
# LogLive USER GUIDE

Click can see all data with date and time

No.	DATE	TIME	°C	%RH	DP
1	2015-08-28	13:15:05	29.0	58.6	
2	2015-08-28	13:16:05	29.1	58.3	
3	2015-08-28	13:17:05	29.2	57.7	
4	2015-08-28	13:18:05	29.4	55.9	
5	2015-08-28	13:19:05	29.1	55.6	
6	2015-08-28	13:20:05	29.1	55.4	
7	2015-08-28	13:21:05	29.1	55.0	
8	2015-08-28	13:22:05	29.0	54.9	
9	2015-08-28	13:23:05	28.9	54.0	
10	2015-08-28	13:24:05	28.5	55.0	
11	2015-08-28	13:25:05	28.3	54.5	
12	2015-08-28	13:26:05	28.2	54.9	
13	2015-08-28	13:27:05	28.4	52.9	
14	2015-08-28	13:28:05	28.4	52.7	
15	2015-08-28	13:29:05	28.3	53.4	
16	2015-08-28	13:30:05	28.4	52.9	
17	2015-08-28	13:31:05	28.5	52.0	
18	2015-08-28	13:32:05	28.9	50.6	
19	2015-08-28	13:33:05	28.7	51.1	
20	2015-08-28	13:34:05	28.9	50.4	
21	2015-08-28	13:35:05	29.4	48.1	

## QUERY

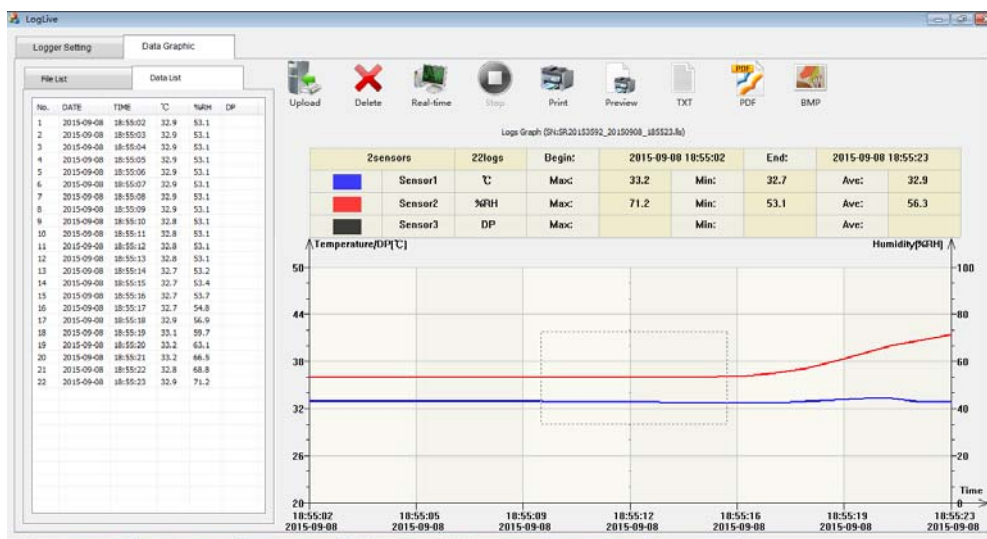
Click the file list can see data graph, MAX/MIN/AVE as follows:



## Graph

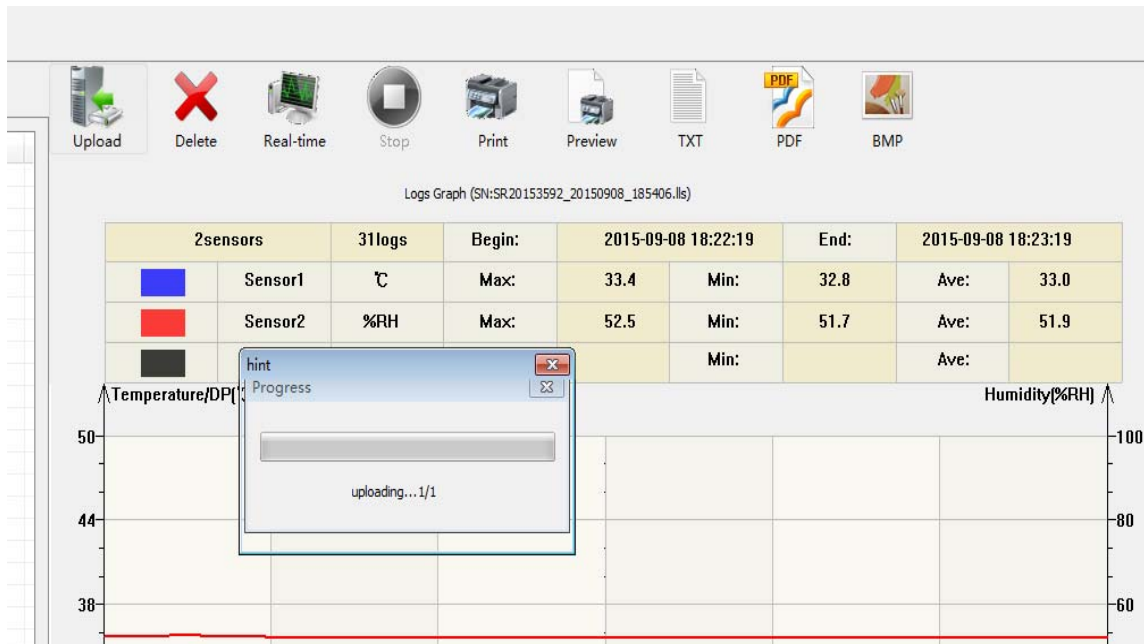
Left click and drag can see the graph/max/min/ave of the selected region. Right click can back to original graph.

# LogLive USER GUIDE




## Upload

Click Upload can upload all records to PC as the following picture shows:

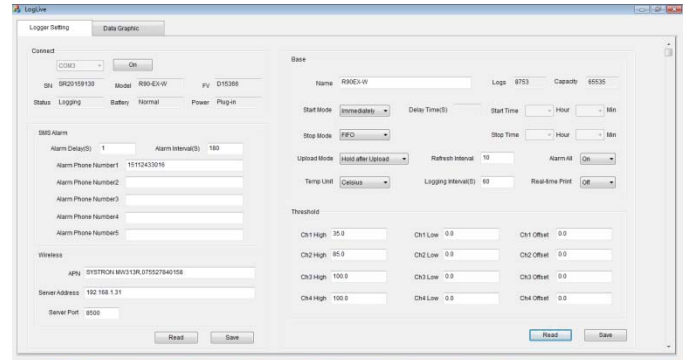
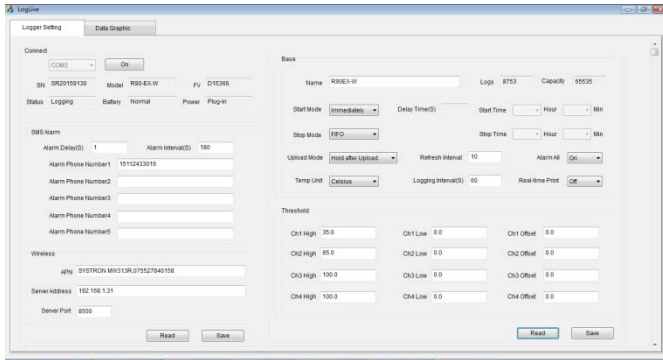


## Delete

Click  will delete all data which waiting for uploading to web software (TronFlux).

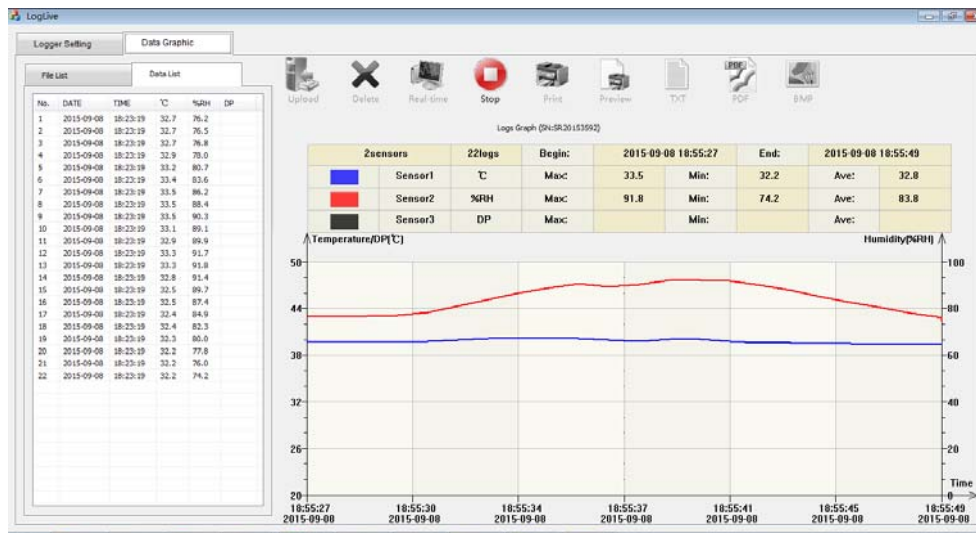
# LogLive USER GUIDE

Click this delete button will not delete the data in data logger itself in case of any mistake operation. Notice: Press two buttons on data logger long to 3-5 seconds can delete all data.



## Real-time

Click Real-time can see the real-time data writes to software one by one and save as a file automatically once stops.



**Stop** : Stop the Real-time writing function


**Print** : Print the data graph

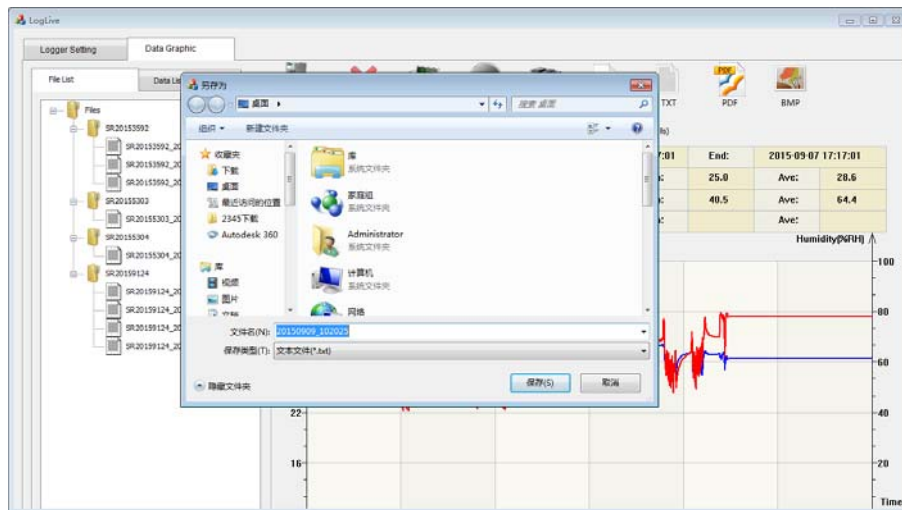
**Preview** : Preview the data graph before printing

## EXPORT

LogLive support file export functions. Includes TXT/PDF/BMP.


## Save as TXT

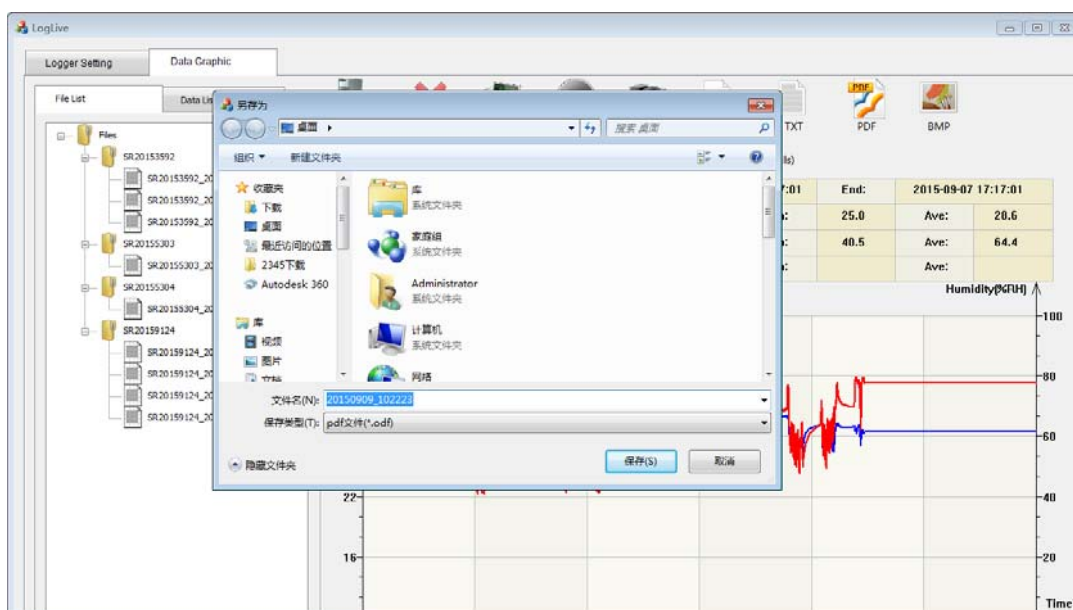
Click  can export to TXT file as follows:



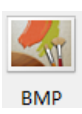
## Save as

## PDF

Click  can export to PDF file as follows:



## Save as BMP

Click  can export to BMP file as follows:

# LogLive USER GUIDE

