

Temperature and Humidity Data Logger Operation Manual

Model: TFC-9606DL

【SOFTWARE SETUP INSTRUCTIONS】

1. Open the battery cover on the back of the unit. Insert two 1.5V AAA batteries correctly and close the cover.
2. Download **9606DL driver (setup.exe)**. Connect the logger to the computer via USB.
3. Open **JP-9606DL.application**. Select the correct **COM Port** and click **Open COM**.
4. Click **Find SN** to display model, serial number, and software version.

Note: If multiple COM Ports are available, click each port in order and press **Find SN**. The port that shows the product serial number is the correct one.

5. Click **Set Time** to sync PC time with the software. Then click **9606 Time** to sync the software with the logger.
6. In 'Rec On/Off', select ON, set the sample interval (default: 10 sec) and delay (default: 1 min), then select **Rec On/Off** to complete the setup.

Note: The delay time refers to the period between completing the settings and the start of data recording. If no delay is required, this parameter can be disregarded.

When the REC icon blinks, data recording has started.

7. Downloading Recorded Data

Steps are shown as below:

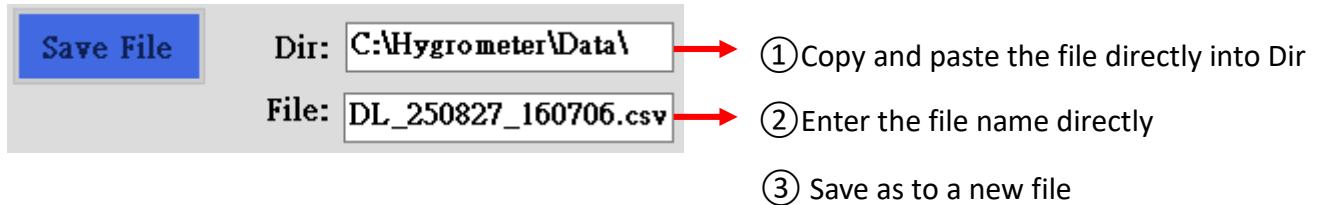
- ①. To download data, reconnect the logger to the computer via USB and open **JP-9606DL.application**.
- ②. Find the correct Com Port and click **Find SN**. (Please see Software Setup Instruction #3 & #4)
- ③. Click **Read Log** to download the recorded data. When the parameter progress reaches 100%, the download is complete.
- ④. Click **Data** to open the data screen, then select **List** to display up to 6,000 recorded entries, along with maximum, minimum, and average values of temperature and humidity.
- ⑤. Select **Plot** to display a graphical chart of up to 6,000 temperature and humidity data points.
- ⑥. Click **Back** to return to the main screen.

8. **Exporting Data to PDF:** To save as PDF, check **Print to File**, select **Microsoft Print to PDF**, and click **Print** to export as a PDF file.

9. **Printing:** Click **Print** to get a temperature and humidity summary and chart.

10. **Saving to Computer (CSV Format)**

To save the recorded data to the computer in CSV format, follow the steps below:



Save File

Dir: C:\Hygrometer\Data\

File: DL_250827_160706.csv

① Copy and paste the file directly into Dir

② Enter the file name directly

③ Save as to a new file

11. **Clearing Data**

To clear data, choose **Parameter 1: Yes**, then click **Clear Data** to delete all recorded data.

12. **Function Display on Recorder:**

In the **Disp Mode** section, select the desired function and press **Disp Mode**. The chosen function will then appear on the recorder screen.

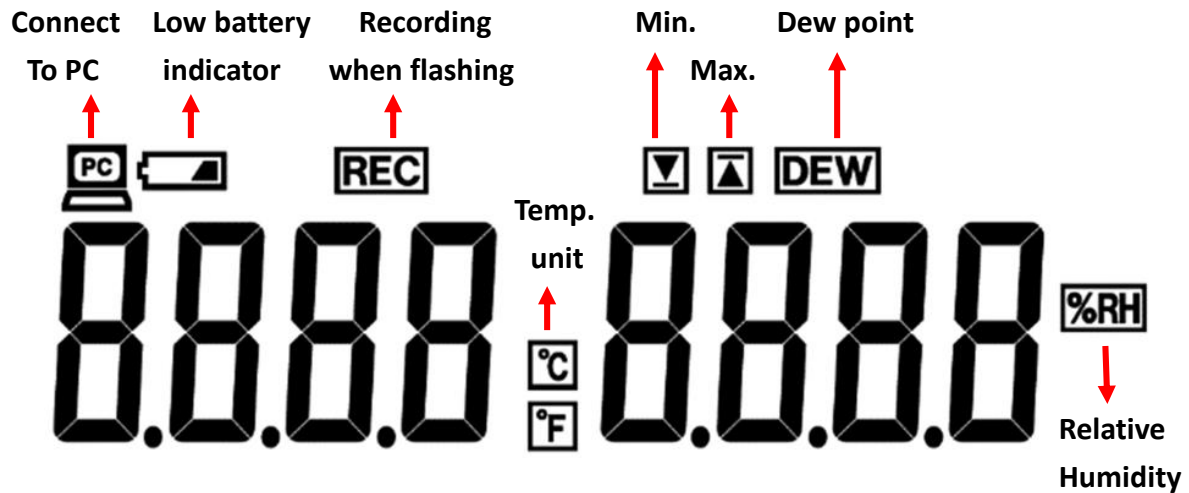
13. **Temperature Unit:** select Celsius (°C) or Fahrenheit (°F) and then press **Set C/F**. The logger display will switch units immediately.

Notes

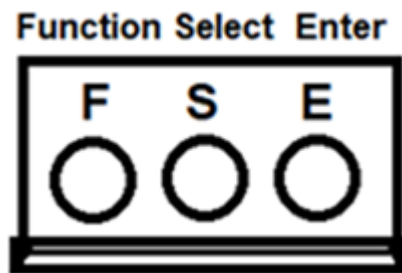
1. When the stored data reaches **6,000 entries**, recording will automatically stop. To continue recording, you must first download and then clear the data. Please note that the logger does not support data **overwrite**.
2. Each time you access the software for configuration, please ensure that the computer time and the logger time are synchronized. (Please see Software Setup Instruction #5)
3. The logger itself allows only the selection of the sampling interval. All other functions must be configured through the software connection.

【Operating Instructions for Main Unit Settings】

Monitor Display



Description of the Function Keys on the Back



F (Function):

Use the **Function (F)** key to navigate sequentially through the following menu options:

- (1) Temperature & Relative Humidity
- (2) Temperature & Dew Point
- (3) Maximum Value
- (4) Minimum Value
- (5) Date
- (6) Time
- (7) Sampling Interval Setting

S (Select):

Only option **(7) Sampling Interval** can be configured directly on the logger (in seconds or minutes).

E (Enter):

After selecting the desired sampling interval, press **Enter (E)** to confirm and complete the setting.

Screen Display Overview

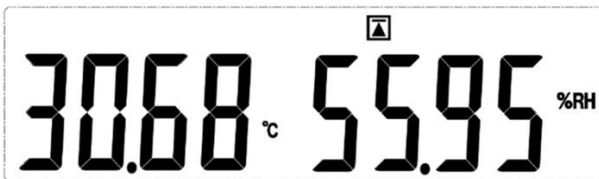
- ①. **Temperature & Relative Humidity** – Displays the current temperature and relative humidity values.



- ②. **Temperature & Dew Point** – Displays the current temperature and calculated dew point.



- ③. **Maximum Temperature & Humidity Values** – Displays the highest recorded values of temperature and relative humidity.



- ④. **Minimum Temperature & Humidity Values** – Displays the lowest recorded values of temperature and relative humidity.



- ⑤. **Date (Year/Month/Day)** – Displays the current date in YYYY/MM/DD format.



- ⑥. **Time (24-Hour / Minutes / Seconds)** – Displays the current time in 24-hour format, including hours, minutes, and seconds.



- ⑦. **Pause Recording Status:**

The sampling interval (numeric value + seconds or minutes) can be selected using the “S” button located on the back of the main unit, then confirmed by pressing “E.”

(Alternatively, this setting can also be configured via the computer software.)



- ⑧. **Delay Start Sampling:**

This function can **only** be configured through the computer software.



- ⑨. **Number of Samples & Time Unit (Minutes or Seconds):**

Displays the number of collected samples and the corresponding time unit.

