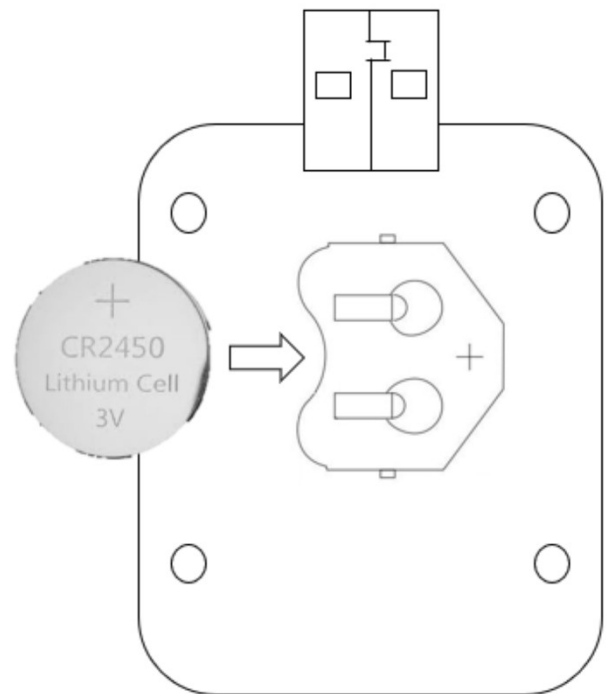
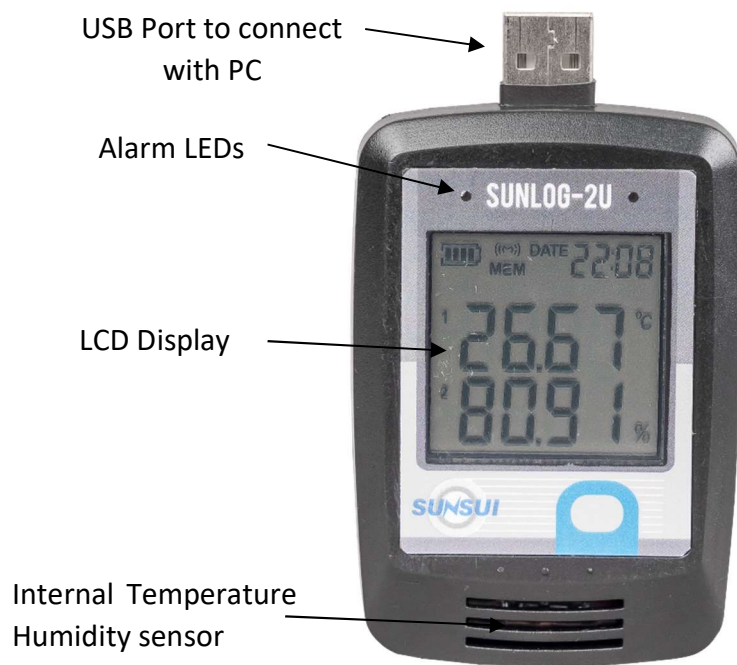
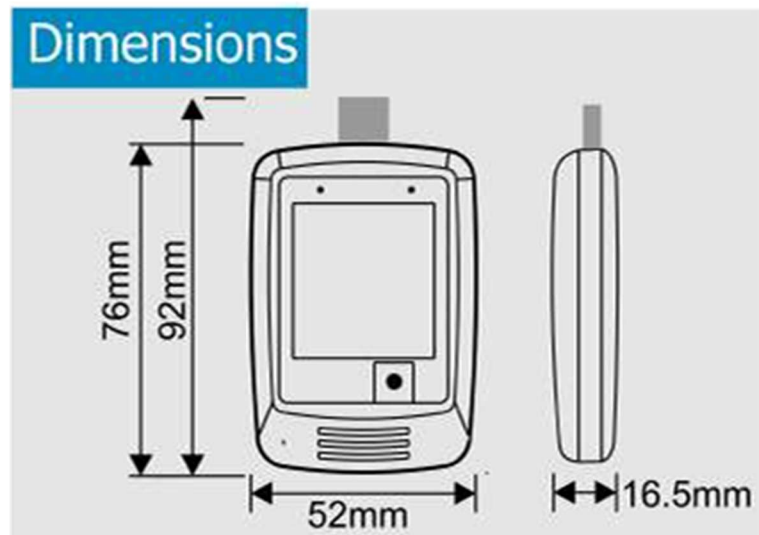




1. Device information



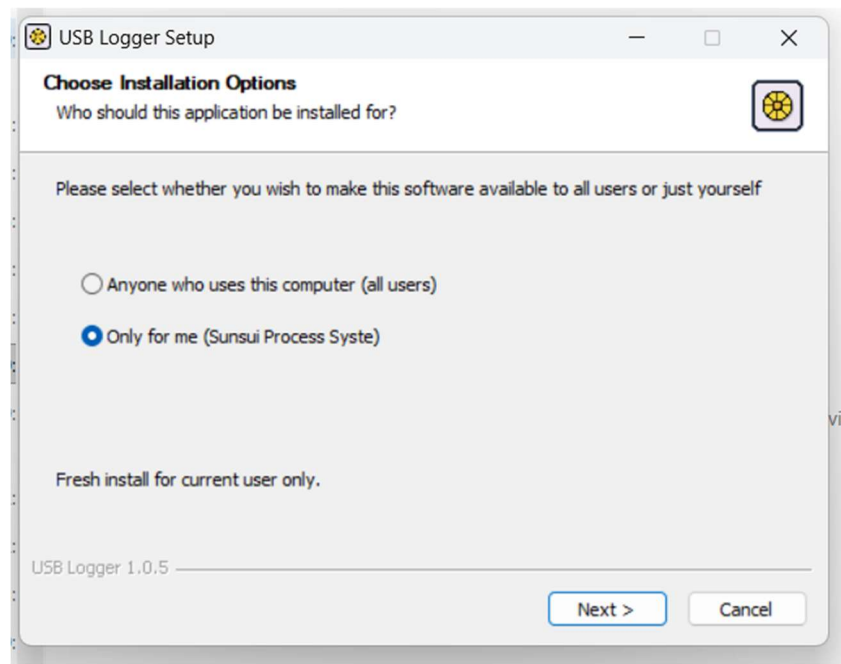
Battery connection available from the backside of the logger

2. Installation & Procedure

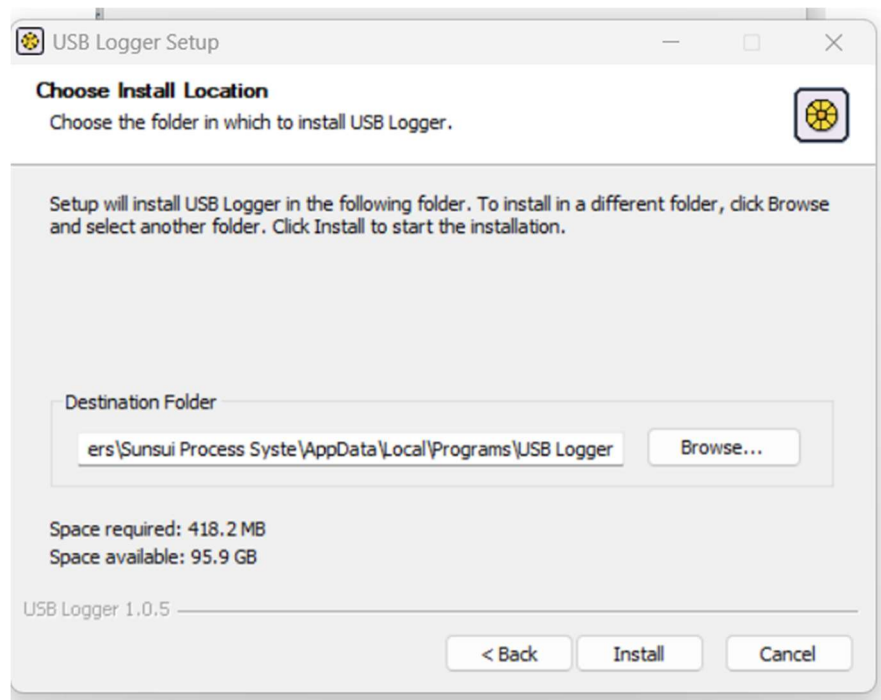
Connect the data logger to PC/LAPTOP USB Port.



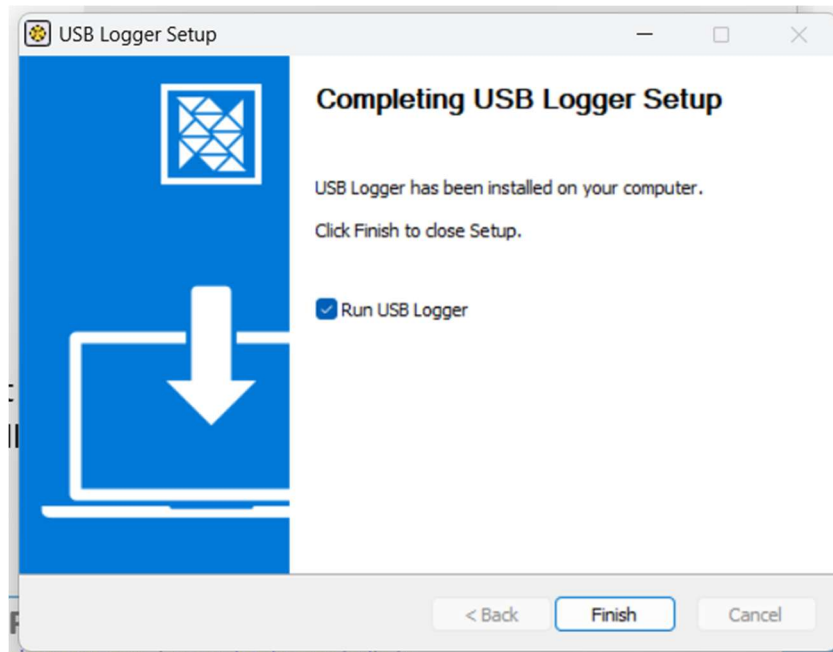
To install the software, Run the setup file “usb-logger-setup”



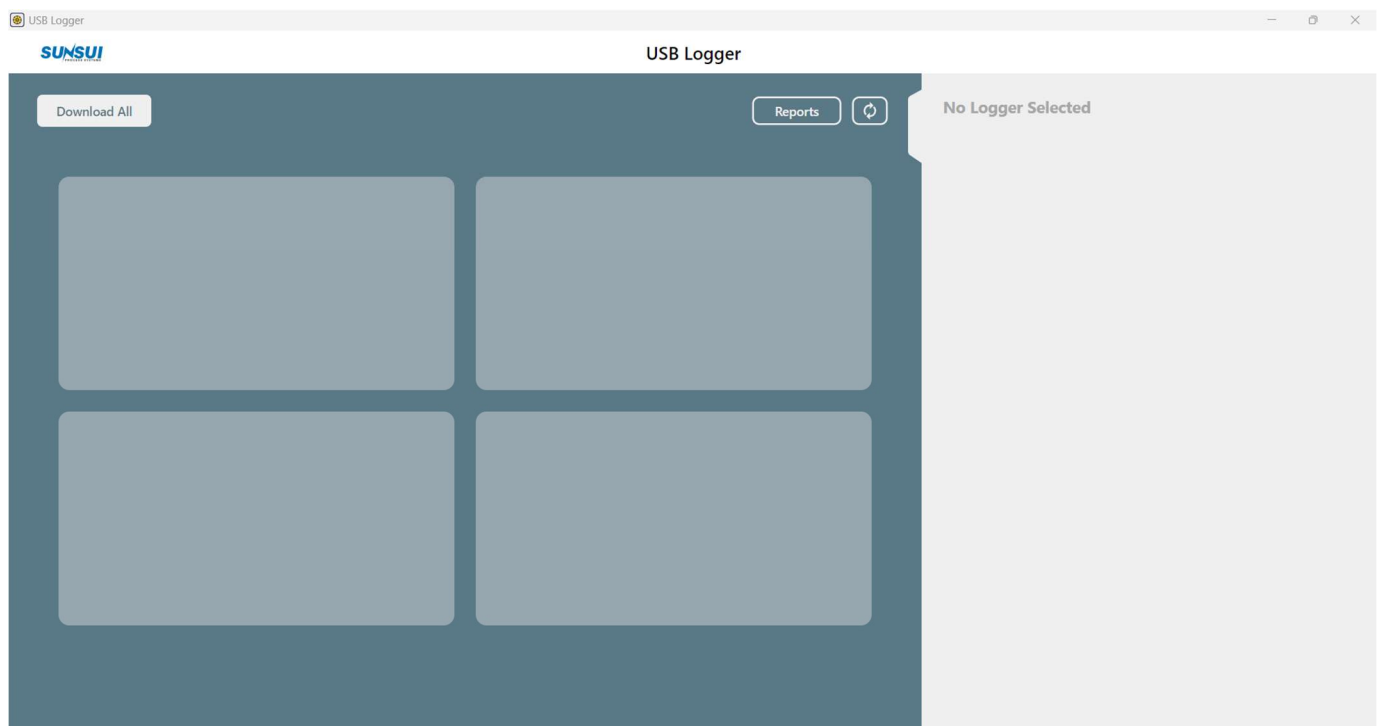
Select any one option and click on “Next”.



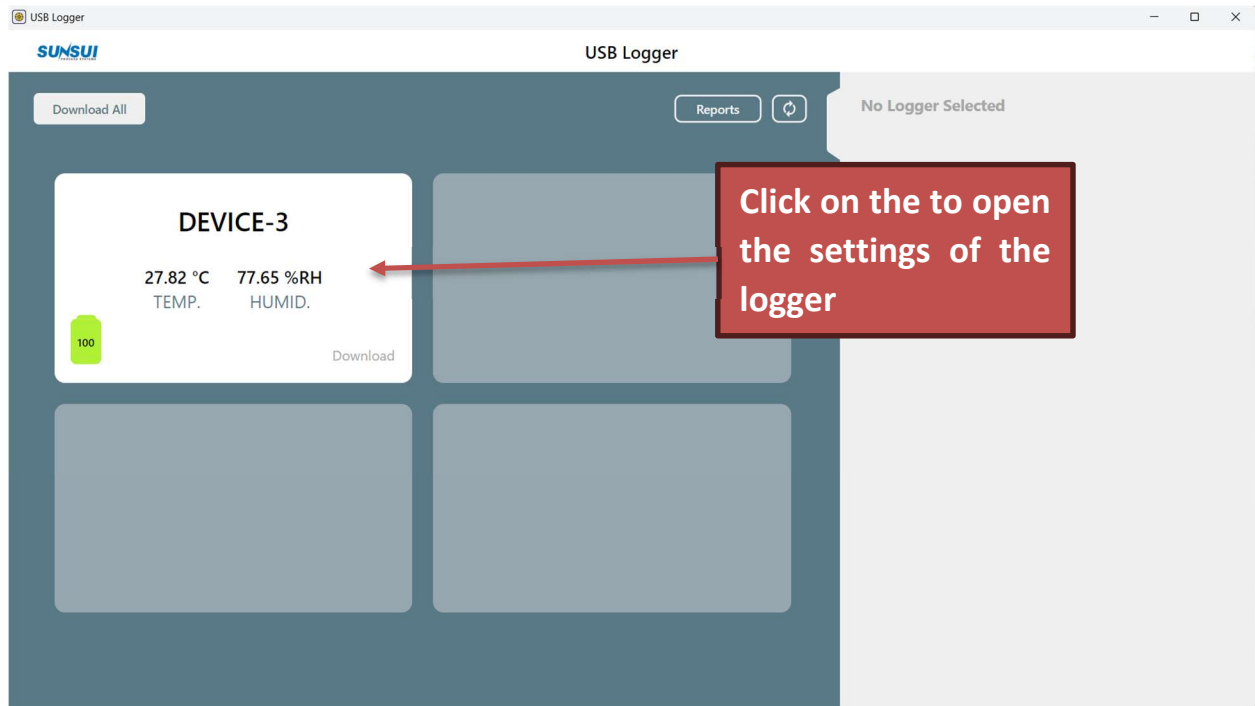
Select the Installation folder path for USB Logger software and click on “Install”



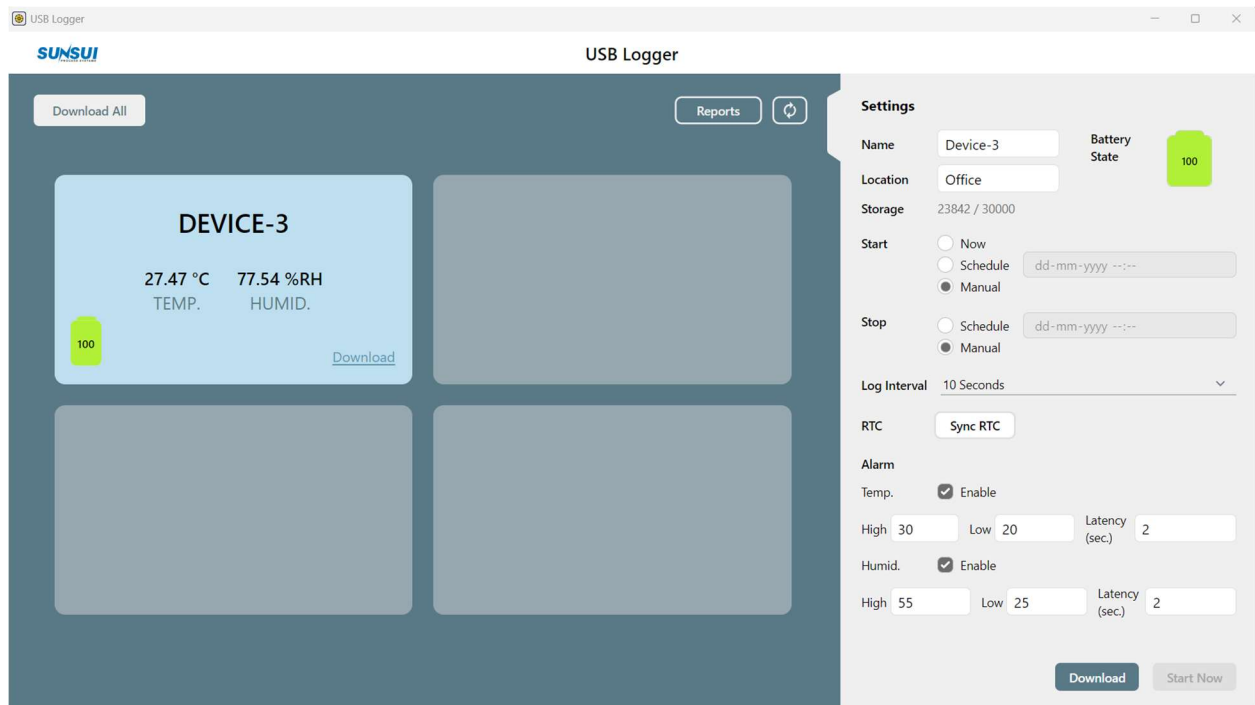
Check ✓ the Run USB Logger and click on the “Finish”. Software dashboard screen will be open.



Software Dashboard screen if logger is connected to PC/LAPTOP.



When the logger connected with PC/LAPTOP, it will automatically detect and show in the software.



Settings will open after click on the logger.

Settings:

The screenshot shows a 'Settings' window for a device named 'Device-3'. The interface includes fields for 'Name' (Device-3), 'Location' (Office), and 'Storage' (0 / 30000). A 'Battery State' indicator shows 100% with a green battery icon. The 'Start' section has three options: 'Now' (selected), 'Schedule' (with a date-time input field 'dd-mm-yyyy --:--'), and 'Manual'. The 'Stop' section has two options: 'Schedule' (with a date-time input field 'dd-mm-yyyy --:--') and 'Manual' (selected). The 'Log Interval' is set to '1 Minute'. There is a 'Sync RTC' button. The 'Alarm' section has two sub-sections: 'Temp.' and 'Humid.', each with an 'Enable' checkbox checked. For 'Temp.', the 'High' threshold is 30, 'Low' is 20, and 'Latency (sec.)' is 2. For 'Humid.', the 'High' threshold is 55, 'Low' is 25, and 'Latency (sec.)' is 2. At the bottom, there are 'Download' and 'Save' buttons.

- 1) **Name:** User can enter the desired name of the logger.
- 2) **Location:** User can enter desired location of the logger.
- 3) **Storage:** When connecting the logger, it will show the saved records out of 30000 records memory.
- 4) **Battery State:** It will show the current status of the battery.
- 5) **Start:** There are three methods to start the logging of the logger.
 - i) **Now-** If now is selected then logger will start the logging when setting done and click on “save”.
 - ii) **Schedule-** User can enter desired date and time to start the logging. “Prog” will be appeared until the saved date and time will come in the logger. Ex.

The current date is 07/10/2025 and user schedule it for 08/10/2025 10:00 then “Prog” will appear until the schedule date and timer and after that it will show the date and time.

iii) **Manual-** User can start the logging by pressing the key on the logger. To start the logging, long press the key on the logger until the “start” and when start come release the key and again press it for once. After that log will appear on the display.

6) **Log Interval:** User select the required log interval from the drop-down list. There pre-settable log intervals like

1/5/10/30 Sec. 1/5/10/15/30 Min.1/2/6/12 Hours.

7) **RTC:** Sync RTC will

8) **Alarm:** User can set the alarm for both temperature and humidity at HIGH and LOW. Latency means wait time of alarm. For Ex. If the latency is 5 sec, when the value crosses the alarm limit then it will wait for 5 sec and then alarm will triggered and also record.

Download data and report generation:

To download the data, connect logger to PC/Laptop and open the software.

- 1) If user set the stop method *Manual* then user need to stop the data recording and after that download button will be appear.
- 2) If user set the stop method *Schedule* then automatically download button will be appear to download the data.

USB Logger

Download All Reports

DEVICE-3

27.47 °C 77.54 %RH
TEMP. HUMID.

100

Download

Settings

Name: Device-3 Battery State: 100

Location: Office

Storage: 23842 / 30000

Start: ☐ Now ☐ Schedule ☒ Manual

Stop: ☐ Schedule ☒ Manual

Log Interval: 10 Seconds

RTC:

Alarm:

Temp. ☒ Enable

High: 30 Low: 20 Latency (sec.): 2

Humid. ☒ Enable

High: 55 Low: 25 Latency (sec.): 2

Click on Download to transfer the data from logger to PC/Laptop

USB Logger

Download All Reports

DEVICE-3

27.29 °C 71.67 %RH
TEMP. HUMID.

100

Download

Settings

Name: DEVICE-3 Battery State: 100

Location: Lab2

Storage: 0 / 30000

Start: ☐ Now ☐ Schedule ☒ Manual

Stop: ☐ Schedule ☒ Manual

Log Interval: 10 Seconds

RTC: RTC out of sync

Alarm:

Temp. ☒ Enable

High: 30 Low: 26 Latency (sec.): 1

Humid. ☒ Enable

High: 80 Low: 60 Latency (sec.): 1

After downloading the data click on "Report" to generate the report in PDF,Excel or graph.

After clicking on report below window will be appear.

The screenshot displays the SUNSUI USB Logger application. The main window is titled "USB Logger" and features a navigation bar with "Table", "Graph", and "Home" tabs. The "Table" tab is active, showing a data table with columns: Sr No, Date, Time, Device-3 (Temp. (°C) and Humid. (%)). The table contains 21 rows of data for June 1, 2025. To the right, the "Report" panel is visible, showing options to "Select Logger" (Device-3), "Add Logger", "Type" (Full, Alarm Only), "Start" and "End" date/time, "Interval" (Auto), and "Snapshots" (Device-3 | Jun 20, 2025, 12:51 PM (82 days 18 hours 45 mins logged)).

Sr No	Date	Time	Device-3
			Temp. (°C) Humid. (%)
1	2025-06-01	18:06:00	27.67 68.44 ▲
2	2025-06-01	18:11:00	27.66 68.44 ▲
3	2025-06-01	18:16:00	27.66 68.42 ▲
4	2025-06-01	18:21:00	27.65 68.45 ▲
5	2025-06-01	18:26:00	27.65 68.43 ▲
6	2025-06-01	18:31:00	27.64 68.44 ▲
7	2025-06-01	18:36:00	27.66 68.43 ▲
8	2025-06-01	18:41:00	27.65 68.44 ▲
9	2025-06-01	18:46:00	27.64 68.43 ▲
10	2025-06-01	18:51:00	27.66 68.44 ▲
11	2025-06-01	18:56:00	27.68 68.46 ▲
12	2025-06-01	19:01:00	27.65 68.44 ▲
13	2025-06-01	19:06:00	27.66 68.46 ▲
14	2025-06-01	19:11:00	27.65 68.44 ▲
15	2025-06-01	19:16:00	27.68 68.45 ▲
16	2025-06-01	19:21:00	27.65 68.42 ▲
17	2025-06-01	19:26:00	27.65 68.45 ▲
18	2025-06-01	19:31:00	27.65 68.45 ▲
19	2025-06-01	19:36:00	27.64 68.43 ▲
20	2025-06-01	19:41:00	27.65 68.41 ▲
21	2025-06-01	19:46:00	27.64 68.42 ▲

Report:

- 1) Select Logger:** User select the desired logger to generate the report.
User can select maximum 8 no's data loggers by clicking on "Add Logger".
- 2) Type:** User can select the option for Full report or alarm only.
- 3) Start:** User can select the start date and time of the required report.
- 4) End:** User can select the end date and time of the required report.
- 5) Interval:** User can change the reporting interval while generating the report.
Auto means by default saved interval while starting the logging.
- 6) Snapshot:** It shows the cyclic logging period. Means logging start to stop will consider one cycle and it will directly show in the snapshot. So, user no need to select the start and end date and time.

After all, above selection click on "View".

User can edit the header of the report like Company name, Address, Report header and Logo of the company.

After selecting the header options click on “Save”

The screenshot shows the USB Logger application interface. On the left, there is a table with 21 rows of data. The table has columns for Sr No, Date, Time, and Device-3 (Temp. (°C) and Humid. (%)). The data is as follows:

Sr No	Date	Time	Temp. (°C)	Humid. (%)
1	2025-06-01	18:06:00	27.67	68.44
2	2025-06-01	18:11:00	27.66	68.44
3	2025-06-01	18:16:00	27.66	68.42
4	2025-06-01	18:21:00	27.65	68.45
5	2025-06-01	18:26:00	27.65	68.43
6	2025-06-01	18:31:00	27.64	68.44
7	2025-06-01	18:36:00	27.66	68.43
8	2025-06-01	18:41:00	27.65	68.44
9	2025-06-01	18:46:00	27.64	68.43
10	2025-06-01	18:51:00	27.66	68.44
11	2025-06-01	18:56:00	27.68	68.46
12	2025-06-01	19:01:00	27.65	68.44
13	2025-06-01	19:06:00	27.66	68.46
14	2025-06-01	19:11:00	27.65	68.44
15	2025-06-01	19:16:00	27.68	68.45
16	2025-06-01	19:21:00	27.65	68.42
17	2025-06-01	19:26:00	27.65	68.45
18	2025-06-01	19:31:00	27.65	68.45
19	2025-06-01	19:36:00	27.64	68.43
20	2025-06-01	19:41:00	27.65	68.41
21	2025-06-01	19:46:00	27.64	68.42

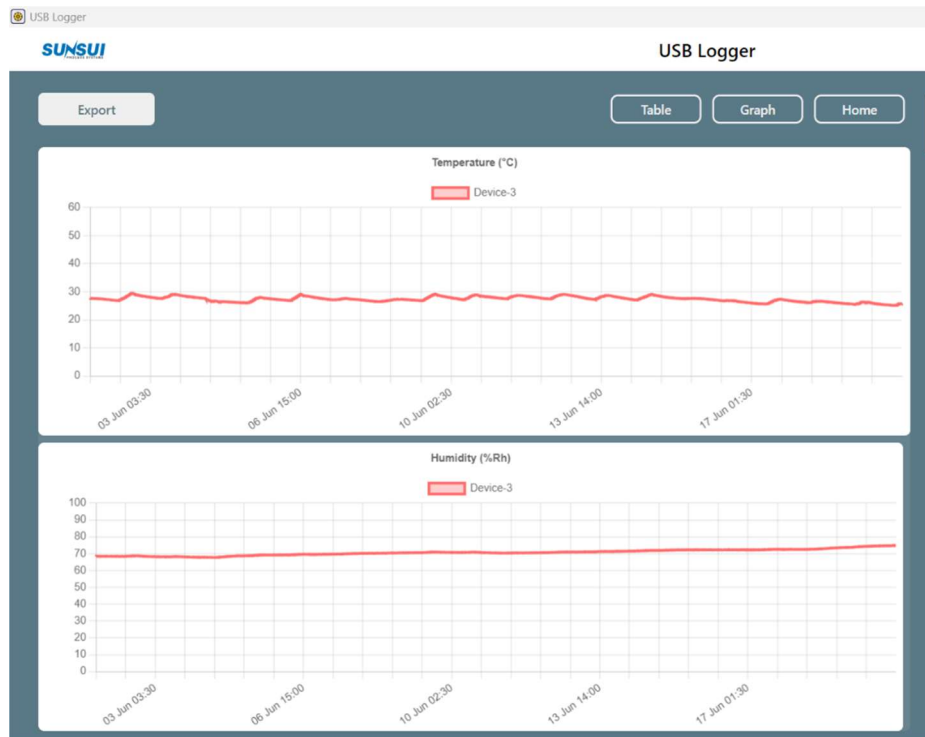
On the right, there is a 'Report Header Settings' panel with fields for Company Name (SUNSUI PROCESS SYSTEMS), Company Address (Baner, Pune), Report Header (Temp+RH data), and Logo (SUNSUI PROCESS SYSTEMS). There is an 'Upload' button and a 'Save' button at the bottom right.

User can view the data in two formats; 1) Table view & 2) Graph view.

The screenshot shows the USB Logger application interface in Table view. The table has 21 rows of data. The table has columns for Sr No, Date, Time, and Device-3 (Temp. (°C) and Humid. (%)). The data is as follows:

Sr No	Date	Time	Temp. (°C)	Humid. (%)
1	2025-06-01	18:06:00	27.67	68.44
2	2025-06-01	18:11:00	27.66	68.44
3	2025-06-01	18:16:00	27.66	68.42
4	2025-06-01	18:21:00	27.65	68.45
5	2025-06-01	18:26:00	27.65	68.43
6	2025-06-01	18:31:00	27.64	68.44
7	2025-06-01	18:36:00	27.66	68.43
8	2025-06-01	18:41:00	27.65	68.44
9	2025-06-01	18:46:00	27.64	68.43
10	2025-06-01	18:51:00	27.66	68.44
11	2025-06-01	18:56:00	27.68	68.46
12	2025-06-01	19:01:00	27.65	68.44
13	2025-06-01	19:06:00	27.66	68.46
14	2025-06-01	19:11:00	27.65	68.44
15	2025-06-01	19:16:00	27.68	68.45
16	2025-06-01	19:21:00	27.65	68.42
17	2025-06-01	19:26:00	27.65	68.45
18	2025-06-01	19:31:00	27.65	68.45
19	2025-06-01	19:36:00	27.64	68.43
20	2025-06-01	19:41:00	27.65	68.41
21	2025-06-01	19:46:00	27.64	68.42

Table view



Graph View

There are three options to generate the reports; 1) PDF 2) PDF (Graph) 3) Excel.

Numerical + Graph report → PDF

Only Graph report → PDF (Graph)

Excel report → Excel

	Date	Time
1	2025-06-01	18:06:00
2	2025-06-01	18:11:00
3	2025-06-01	18:16:00
4	2025-06-01	18:21:00
5	2025-06-01	18:26:00
6	2025-06-01	18:31:00
7	2025-06-01	18:36:00
8	2025-06-01	18:41:00
9	2025-06-01	18:46:00