

## HUMET Devices

# TEMPERATURE & HUMIDITY USER MANUAL

### Prerequisite

Database: MSSQL database, accessible to all plants

### Step 1: Device Driver Installation

To access or use the device, download the drivers with the below link

<https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers>

**Case I)** CP210x Universal Windows Driver --v11.0.0 (**for windows 10**)

The above driver is supported for windows version 10

**Case ii)** CP210x Windows Drivers --v6.7.6 (**for windows 7**)

The above driver is supported for windows version 7

### Step 2: Driver Setup

- Download the above-required driver's zip files,
- Extract the files and update drivers in Device manager ( Browse with the extract files location)

### Step 3: Software Setup & Configuration

1. Software setup
  - a. Download the Software from the Support team  
(support@humetdevices.com)
  - b. Unzip & Run the setup. Note the setup destination folder
  - c. Create the folder in the local system in **C:** Drive with the name "**TH Capture**"
  - d. Give Read & Write permissions to the TH-capture folder for the application to create a text file

2. Configuration

Open setup destination folder

- Open **app.config** file. Below will be some constants to be changed.
- Update Plant name. Change only the below string PLANTNAMEVALUE with the required Plant name where the device is located  
`<add key="PlantName" value="PLANTNAMEVALUE"/>`

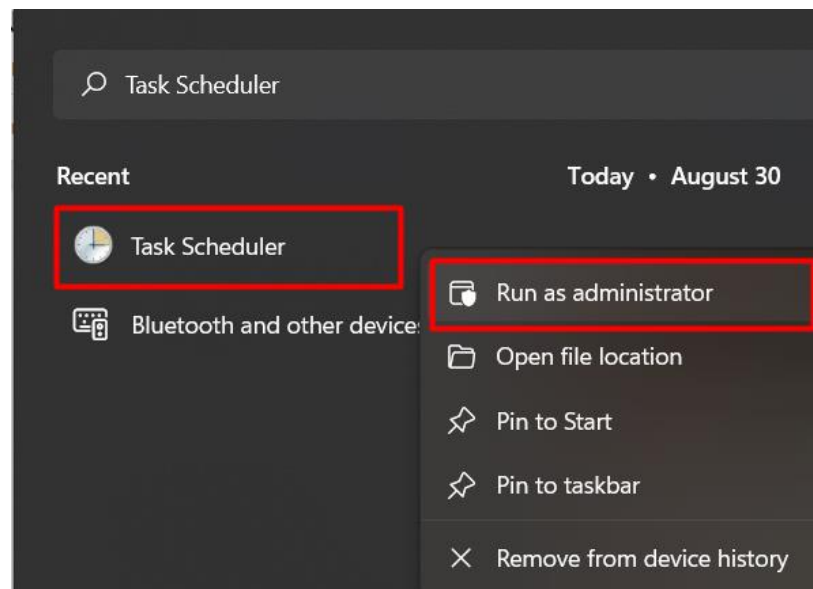
- Add Temp-Humidity Device Id of the connected system. Device Id is given on the Device Box. Change the below string DEVICEIDVALUE with the Device Id of the box `<add key="DeviceID" value="DEVICEIDVALUE"/>`

### 3. Device connection

- Connect the Device using the provided USB cable to the system where the above software is installed.
  1. Keep the sensor away from the system to reduce system heat.

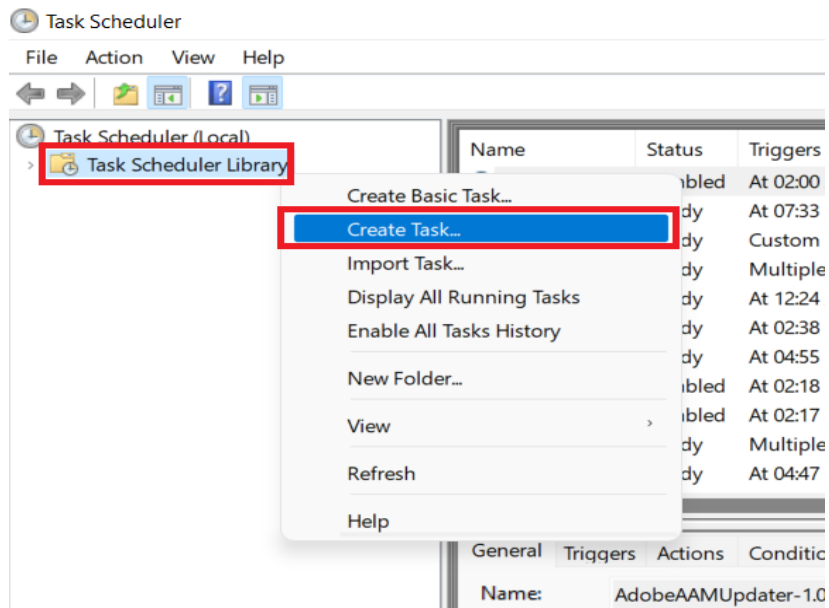
## Step 4: Scheduler Setup

1. In Windows OS, open **TASK SCHEDULER - run as Administrator**

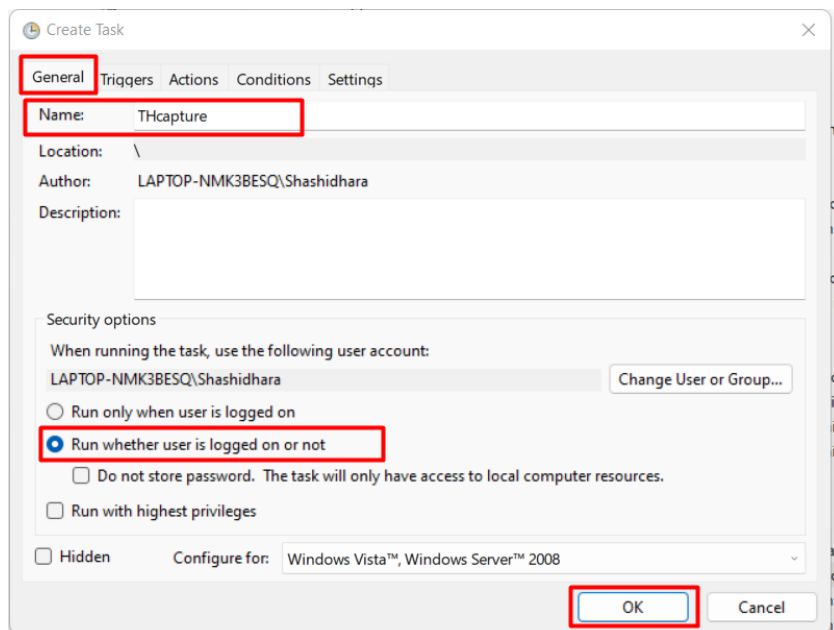


a.

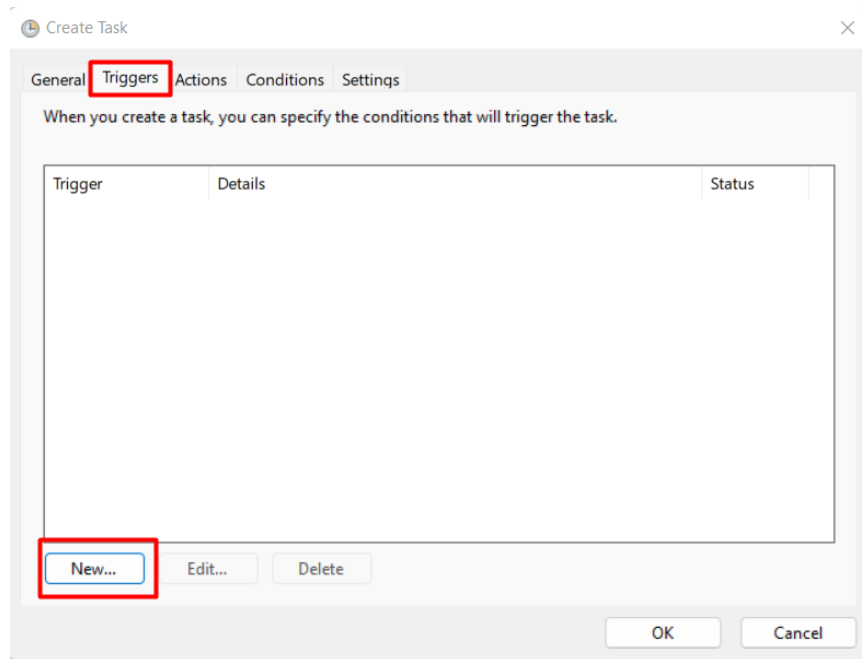
2. Right-click on **Task Scheduler Library**- Create a task



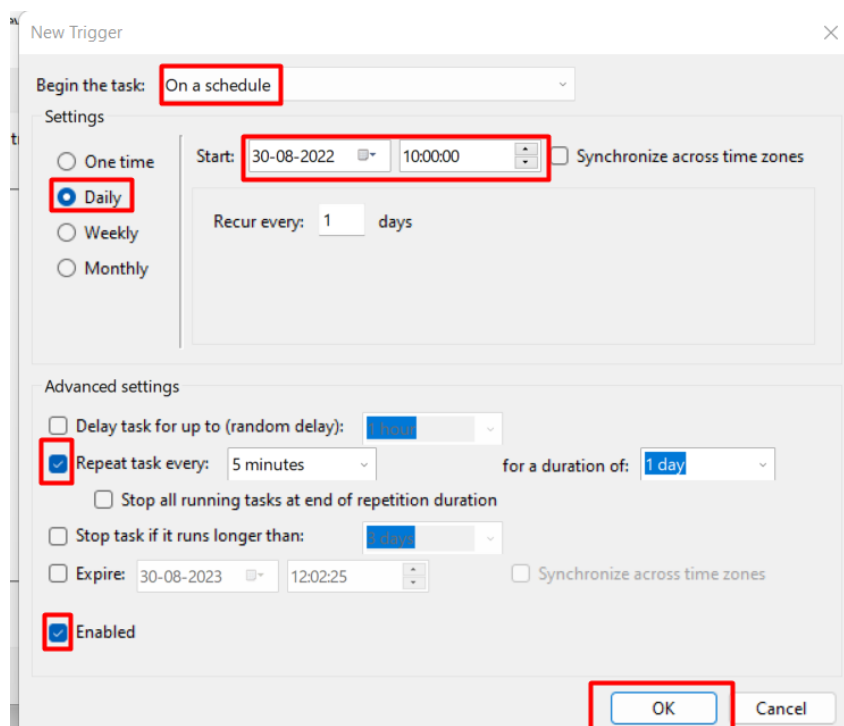
3. The popup window shows Tabs like **General, Triggers, Actions, and Conditions & Settings.**
4. Click on **General** to create the actual task.
  - Write **Task name**,
  - Select **Run whether user is logged on or not** Radio button &
  - Click on **OK**.



## 5. Click on the **New**, In **Triggers** Tab



- Select **On a Schedule**. This can be scheduled for **One day, Daily, Weekly & Monthly**, as per our requirement.
- Enter **Start Date & Time**
- For **Repeat the task every** select **5 minutes**. It will run every 5 minutes daily.
- Click on the **Enabled** checkbox
- Click on **OK**.



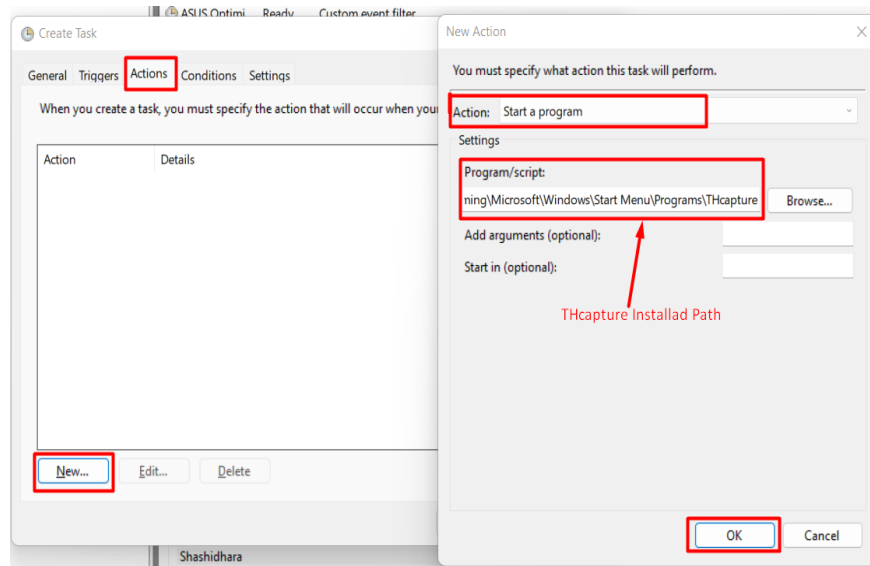
## 6. Actions tab

7. Click on **NEW**, Create an **Action**,

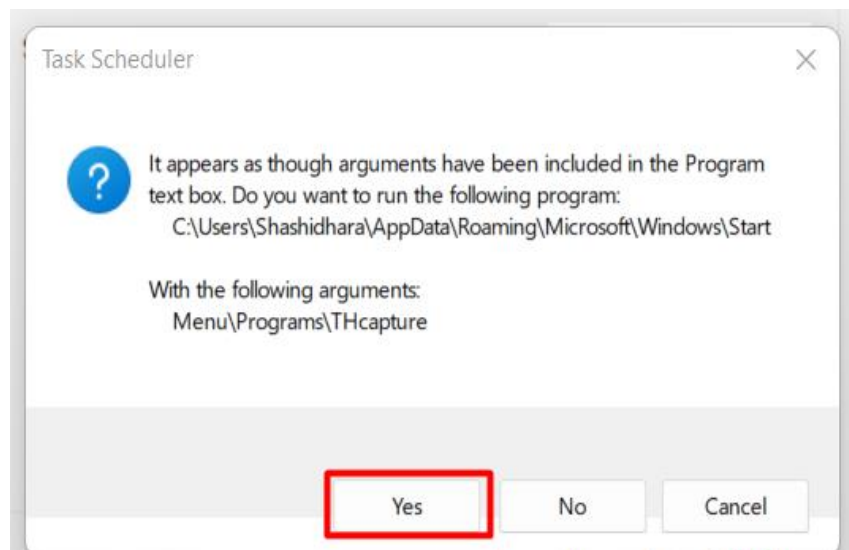
8. Select a **“START A PROGRAM”**, and select the installed **TH-Capture** path

9. Click on OK

- For Ex: [C:\Users\Shashidhara\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\THcapture](#)

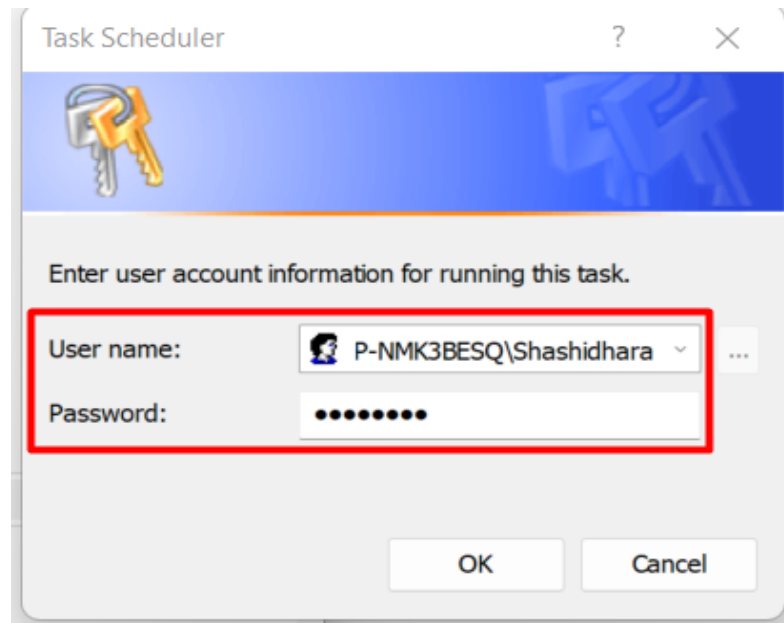


- Below popup shows up, click on **Yes**



7. **CONDITIONS & SETTING tabs:** nothing to be done here. Keep values as it is.

- In the Create task popup, Click on **OK**.
- It will prompt admin's **Username & Password**.
- Enter & click on "OK"



8. Task is created, which will run as per the scheduled time interval