### Overview

USR data logger is used to record the temperature/humidity of field, climate, industries and often gather charging data. Temperature and humidity in each stage of the cold chain including cooker bags, cooling cabinets, refrigerator, meat containers and boxes. The logger features a large (1024) bytes, easy to operate, user adjustable temperature sensor, and external for parts such as ambient and microclimate, like humidity, temperature, and data rate often require remote function during usage, also for real-time monitoring through the menu at the back of the logger.

### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor</td>
<td>Digital temperature/humidity sensor</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40°C to +80°C</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40°C to +80°C</td>
</tr>
<tr>
<td>Ambient Temperature during power charging</td>
<td>-4°C to +30°C</td>
</tr>
<tr>
<td>Memory</td>
<td>1024 bytes (Temperature/24h, Humidity/24h)</td>
</tr>
<tr>
<td>Refresh rate</td>
<td>1 refresh/second</td>
</tr>
<tr>
<td>Battery Life</td>
<td>5 years and over 3 years</td>
</tr>
<tr>
<td>Configuration</td>
<td>128MB or more</td>
</tr>
<tr>
<td>Dimensions</td>
<td>89 x 69 x 29 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>170 g</td>
</tr>
</tbody>
</table>

### Operation

1. **Activate Logger**
   - Put the 12V plug and remove the side of the logger to access the battery.

2. **Install Software**
   - Download and install the New TechLogger software (Windows 64-bit) from the website: [www.itech.com](http://www.itech.com)

3. **Configure Parameters**
   - First, connect the data logger to the computer via USB cable, then use the software to set the parameters in the configuration.

   **Efficiency settings**
   - If you do not need to change the parameters for 24 hours, please click [Quick Setup] and [Quick Setup] to configure the parameters by default.

   **Efficiency settings**
   - If you need to change the parameters, please click [Parameter Menu], enter your parameter values, and click [Start Parameter Button] to complete the configuration.

### Notes

- At startup temperature, the LCD is slow but does not affect normal operation.
- A slight variation in temperature may cause a variation in the temperature reading.
- **FTTH** for Windows Only.
1. Start Logging
Press the button and hold for 5 seconds until the “B” shows on the LCD indicating the logger is now logging.

2. Auto Sleep
Press the button to enter the sleep mode after viewing the data. The logger will automatically wake up and log data when needed.

3. Status Indication
Status  | Description
--- | ---
1 | Button Operation
2 | Power off
3 | Battery life
4 | Data transmission
5 | Data reception
6 | LCD screen
7 | Interface

4. LCD Screen
- Battery Level
- Temperature
- Humidity
- Alarm
- Event log
- Data transmission
- System status
- Time of day

5. Interface
- Buttons
- LCD Screen
- Power off
- Data transfer

6. Battery Charging
Connect the provided USB cable into a computer or power adapter for battery charging.

7. Wall Mounting

8. What's included
- G5P-T Temperature Data Logger 1
- G5P-H Humidity Data Logger 1
- User Manual
- Certificate of Calibration 1

9. Appendix
- Default Parameters
- Logging Material
- Logging Temperature
- Logging Humidity
- Battery Life
- LED Code
- Logging Temperature Shorted to 24 Hours
- LED Code
- Battery Life
- Logging Temperature Shorted to 24 Hours

10. Warning
- Always use the right time, power and backup software. In case your system service time and pressure parameters.
- Your parameter configuration depends on your specific situation. Non-registered data and log files are available for the data logger library. Please save a copy of your data before quitting the software.
- Any alteration in the humidity and pressure parameters should be made with caution. Changes in humidity can lead to changes in the internal environment, leading to possible discrepancies in the readings.
- Recommended measure to minimize the battery life (including batteries).