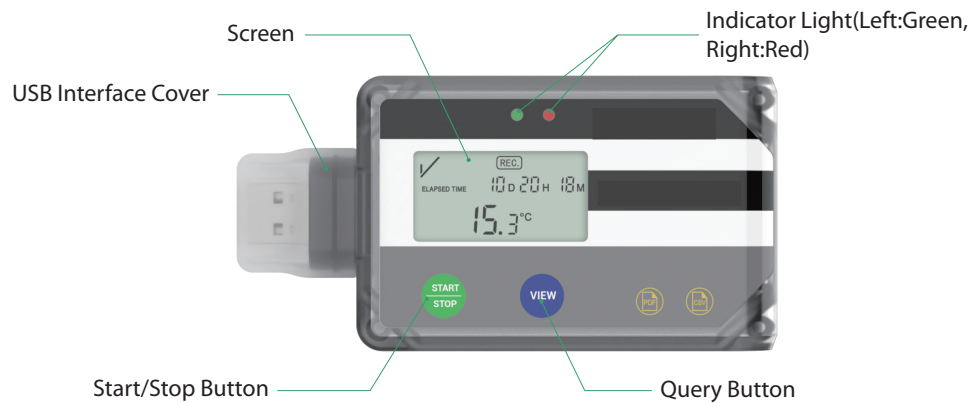


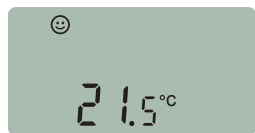
Operation Manual



I. Operating Instructions

1. Activate the display on the logger by pressing the "START/STOP" button once. You will see a smiling face (☺) on the top of the screen to indicate that the logger has been turned on.
2. Press and hold the "START/STOP" button for more than 4 seconds to start recording.
3. When you see the indicator light flashing on the display and when you see written "RECORDING", the logger has successfully been turned on and activated.
4. **Stop the logger:** Press and hold the "START/STOP" button for more than 4 seconds or connect the logger to computer's USB port
5. **If you have a question:** Press the "VIEW" button to check the MIN and MAX set temperature while logging.

II. Screen Illustration



1. **Configuration:** If there's "☺" appearing on the screen, it means your configuration is done.



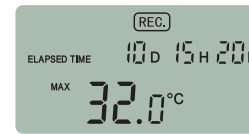
2. **Start-delay:** "10M" on the right indicates the countdown to start-delay has started; the logging will begin when the countdown ends.



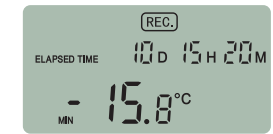
3. **Check configuration:** "☺" means configuration information, "90D" means logging period is 90 days, "10M" means logging interval is 10 minutes.



4. **Logging in progress:** "10D15H20M" means logging last for 10days 15hours 20minutes.



5. **Maximum temperature:** "MAX" means the showing temperature is the logged maximum temperature.



6. **Minimum temperature:** "MIN" means the showing temperature is the logged minimum temperature.

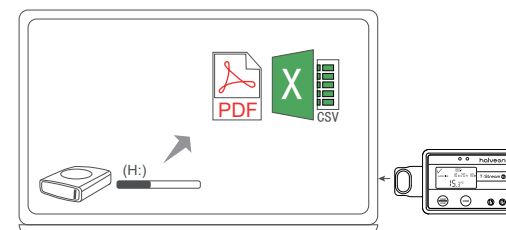


7. **Stop:** "STOP" means the logger is stopped.

III. Technical Specifications

Model	SU LCD
Type	Temperature data logger
Measuring range	-30°C~+70°C, 0~100%RH
Resolution	±0.3°C, ±3%RH
Report format	PDF&CSV
Alarm	Multi-segment alarm
Battery	CR2450(wide temperature battery)
Calibration	Factory Calibration & NIST CNAS
Certification	CE,RoHS,EN12830
Size	102.5*52*16mm
Water-proof	IP66
Connection	USB2.0

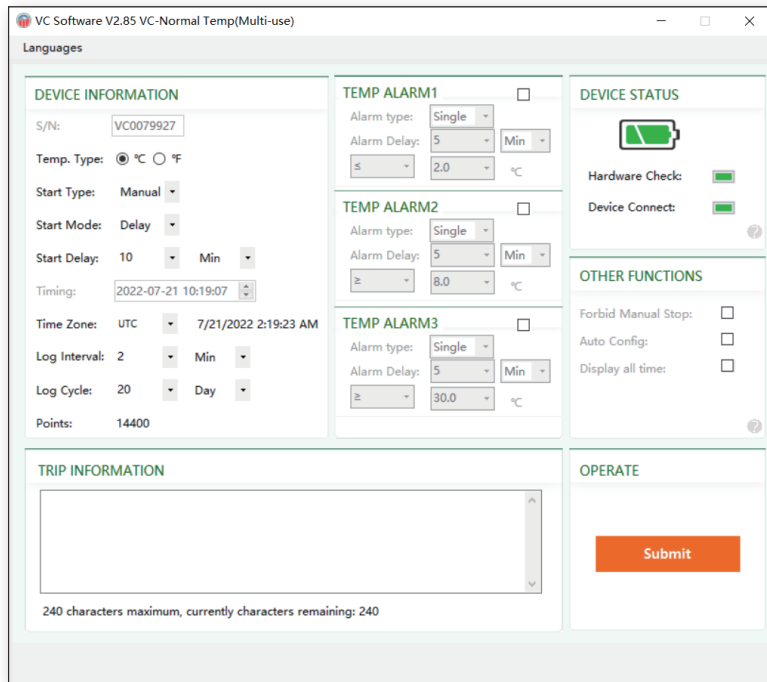
IV. Get A Report



The report is automatically generated when the logger is connected to the computer. Alternating flashing red light and green light means that a report is being generated, and stopping flashing lights means a report generation is complete.

Operation Manual

V. Configuration Software



Software is used for logger configuration and monitoring.

VI. Important Notes

Usage Cautions:

- The temperature range is -30 ~+70°C. Do not put the logger beyond this temperature range to avoid damage.
- Do not pull off the logger during report generating.
- Please keep the logger properly at normal temperature to ensure long-term use.
- Do not disassemble the logger without authorization.
- It may shorten the lifespan of battery when using logger out of temperature range.
- When the logger is affected by static electricity, please insert USB interface into computer to restore normal operation.
- Please recycle or dispose of the logger under local laws and regulations.

Battery:

- Do not throw the logger into fire or expose it to an ultra-high temperature environment. There is a risk of battery explosion!
- Keep the battery away from children!

Security Note:

- Do not put the logger in the microwave oven. There is a risk of explosion!
- X-ray can damage the logger!

Liability:

The manufacturer shall not be held liable under following conditions:

- If the device was used beyond the manufacturer's given limitations.
- The device cannot be used normally due to improper storage.
- For any problems caused by refrigerating machine under the monitored environment.
- For the lousy quality of the monitored goods, if any.
- Report could not be obtained properly if the device is used with activated low battery.

Attention: halveon loggers monitor temperature or humidity around the environment not product itself. The purpose is to provide reference indicators for quality standards or offer the needs of the assessed object.