

# INNO 320 temperature logger

Accurate · Reliable · Durable



## Specification

Measurement range:	-45 °C ~ 60 °C
Temperature accuracy:	± 0.3 °C (-15 °C ~ 60 °C) ± 0.5 °C (-45 °C ~ -15 °C)
Operation temperature range:	-45 °C ~ 60 °C
Time accuracy:	2 mins / year
Memory size:	130,599 temperature values
Battery:	1 pcs CR2 lithium battery 3.0V
Battery life:	5 years ( 15 mins measurement rate )
Protection class:	IP67
Size:	77.0 x 51.0 x 23.0 (mm)

## Highlight

### Accurate and stable measurement

Our measuring system is able to achieve high precision temperature measurement by utilizing the state of art high stability temperature sensors. Our INNO 320 could reach the accuracy to the range up to  $\pm 0.3\text{ }^{\circ}\text{C}$  (-15 °C ~ 60 °C).

### Long battery life

Battery life is up to 5 years under typical use condition. Long battery life is saving effort for battery replacement, especially for those loggers used for long term monitoring and installed in the location which is difficult to be accessed. Long battery life reduces battery consumption, also means for less pollution for our environment.

### Ample memory capacity

Our INNO 320 has ample memory capacity, over 130,000 temperature values could be recorded. Users could adjust recording frequency with their preferences. For instance, users could register up to 1,360 days of data in every 15 minutes recording interval or 90 days of data in 1 minute recording interval. Users can also enable INNO 320 cyclic recording function and allow system to overwrite the oldest data and update you with the latest record.

### Simple and convenient PC interface

INNO 320 can be connected to PC directly with type C USB interface. Data values can be downloaded through our software within 15 seconds. Program the logger, export data to Excel file, printout, and display data in graphical format can be easily done.

### Android smart phone connection

INNO 320 can be connected to Android smart phone by using INNO APP. With the use of Android system, you could program the logger, download data, and viewing data in graphical format easily.

### High grade protection class

With IP67 protection class, it works in dusty and moist environments with great stability.

### Wall holder

INNO 320 can be conveniently hanging on wall with the included wall holder.

### Accurate built-in clock

As a logger, if the recorded data does not have the corresponding accurate recording time, then the data is worthless. Some famous brand high-end loggers have a time accuracy of 12 minutes per year. INNO 320's time accuracy is 2 minutes per year, this is the standard you should be deserved for quality.

### Intelligent backlight

The backlight helps you to read the display data clearly even in dark environment. You can also enable the auto backlight function, then the backlight will be on only when INNO 320 detects a dark environment, which can reduce unnecessary backlighting and further saves battery energy.

### Red and green LED alert

Red LED is an alarm signal. The red alarm LED signal is easier for users to detect the change of the monitoring environment. Green LED is an indication signal. It indicates the operating modes of INNO 320.

### Elegant design and robust structure

Compact in size, food safety grade plastic casing, large screen display, and robust structure.

### Difficult to get dirty and easy to clean

Simple and modern in design, the INNO 320 enclosure is covered with a layer of hard protective cover. It is built to resist contamination and scratching. The enclosure surface could be clean easily with a simple cloth wipe.

### Secure data protection

No worry about losing the data by accidentally removing the battery, or battery used up. Recorded data is secured inside. Put in a new battery, and you can download the data again.

### Built in magnet

INNO 320 also includes a magnetic adhesive function to fix the system on an iron surface cabinet or wall.

## About INNO

Inno Instrument (Shenzhen) Co., Ltd. specializes in developing high-end measuring instruments. We have 20 years R&D experience in this field and have long been proven and committed to offer top of the line products in this field. Our sole corporate goal is to provide customers the highest quality, reliable and cost effective measuring instruments.