



Step 1
Completely programmable by users

Step 2
Press Start key 3 seconds to activate

Step 3
Put into container

Step 4
Press Stop key 3 seconds to stop. You may press Mark key during transition period to create bookmark on PDF report.

Step 5
Plug logger into PC to generate PDF format report

No bothering computer setting!!

No specific software or reader required!!

PDF report

Ordering Code
VZ88181AZ, 88181 logger
 (** Note, 10pcs loggers included)

Single Use Cold Chain Temperature Logger w/PDF report 88181

- Plug & Play. Software and USB driver are not required
- Automatically generate PDF report. Report contains summary, graph and detailed data
- Completely user re-programmable: 5 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name
- 4 LEDs provide instant indicator : REC, Low Bat., High /Low temperature alarm
- File encrypted technology to secure data integrity



Model	88181
Temp. range	NTC thermistor, -30~70°C , -22~158°F
Temp. resolution	0.1°C , 0.1°F
Temp. Accuracy	+/-0.5°C
Logging Type	Single Use
Pouched size	105(L)*55(W)*2.5(T) mm
Unpouched size	80(L)*43(W)*2.5(T) mm
Sampling points	8192 readings
Shelf Life	12 months shelf time
Operating temp.	-30~70°C (Logging status); room temp.(PC status)
Operating RH%	Humidity < 80%
Storage temp.	-40~85°C
Storage RH%	Humidity < 90%
Weight	~10g
Battery	1PC 3.0V CR2032 (installed before shipment)
Sampling interval	30 seconds, 5, 10, 30, 60, 90, 120 minutes
Start delay	0, 5, 30, 45, 60, 90, 120 minutes
Alarm range	-20~ -10°C, -10~0°C, 2~8°C, 0~15°C, 0~25°C, 15~25°C, others
Alarm delay	0, 5, 30, 45, 60, 90, 120 minutes
Alarm type	Single Event, Cumulative, Disable
Operation keys	2 Keys (Start/Stop key & Mark key)
LED indicator	REC, Low Bat., High alarm, Low alarm
Standard package	10pcs logger in one box, manual, paper box

Application:

During transportation, record time and temperature for vaccines, biologics, pharmaceuticals and other perishable & temperature sensitive products



*Available for EB project