

# Single Use PDF Logger

NEW



88181

PDF TEMP. USB

## Cold Chain Temperature PDF Logger 88181

- ▲ Plug & Play temperature datalogger with USB 2.0 connector
- ▲ No software & driver required for programming & download
- ▲ Automatically generate a PDF report while plugged into PC
- ▲ Low cost single use with accurate thermistor sensor
- ▲ Completely programmable by users for maximum flexibility includes: language, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name.
- ▲ Compact, light, IP65 waterproof & flat design fits into any package
- ▲ File encrypted technology to secure data integrity
- ▲ 4 LEDs provide instant status indicator : REC, Low Bat., High temperature alarm & Low temperature alarm
- ▲ Large memory capacity, 8192 readings.
- ▲ Powered by 1pc Cr2032 battery
- ▲ Mark key to provide 8 marking during transition period
- ▲ PDF file contains summary, graph and detailed data list
- ▲ EN12830, FDA 21 CFR part 11 and RoHS compliance
- ▲ Application:

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

**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



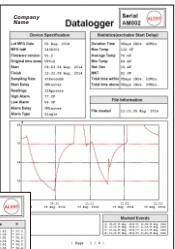
**Step 5**  
Generate PDF format report



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

**No bothering computer setting!!**

**No specific software or reader required!!**



**PDF report**