

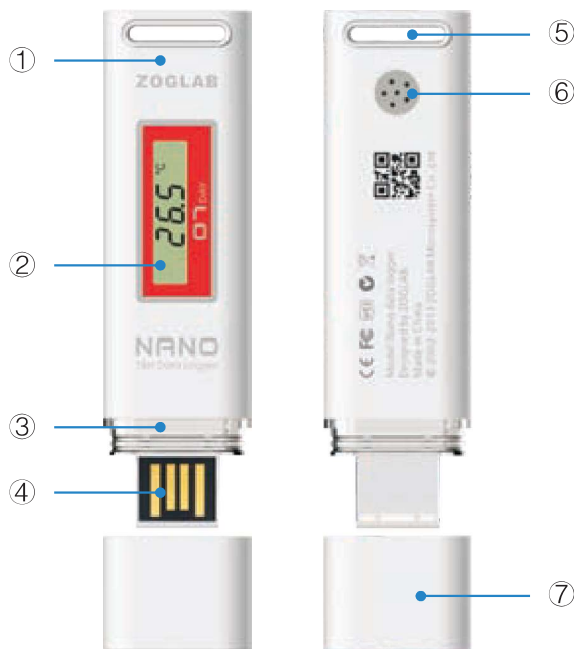
# NANO

Compact data logger for temperature and humidity

NANO series data logger for temperature and humidity use material which is free of toxicity and halogen, to be in compliance with food and drug safety requirements. Designed to be compact, NANO data loggers are mainly for recording temperatures of food and drug storage, cold chain cargo and other applications. Nano easily gets connection with PC via USB interface to achieve data.

More info please visit [www.zoglab.cn](http://www.zoglab.cn)

## Product Description



- ① Magnetic induction zone starts
- ② Display area
- ③ Indicator
- ④ USB Interface
- ⑤ Lanyard hole
- ⑥ Sensor positions
- ⑦ Cover

## Naming Convention

# NANO - TH-DP-07

Abbreviation	Measuring Object	LED	Memory Size	
NANO Family	T Temperature(Yellow)	DP Display	7 days	60 days
	TH Temperature+Humidity (Green)	NP No display	15 days	90 days
	T/TH Temperature+Humidity (Medical white)		30 days	120 days
	THL Temperature+Humidity +Light(Black)		45 days	

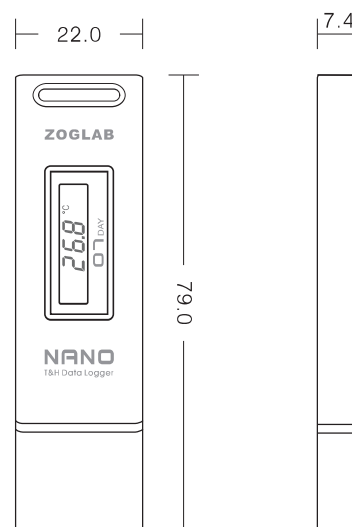
Different NANO types with different working days, sampling interval, logging interval and memory size:

Memory size(day)	Sampling interval(s)	Logging interval(min)	capability(item)
7	10	5	2017
15	10	5	4321
30	10	5	8641
45	10	5	12961
60	10	10	8641
90	10	10	12961
120	10	15	11521

## Features & Advantages

- Compact, applied to cold chain logistic  
NANO is designed for narrow space using, with its compact size, light, toxicity and halogen free, it is suitable for cold chain logistic of food and drugs.
- USB interface, PDF file  
NANO can be connected to PC directly via USB interface for data reading, and downloading PDF file via software.
- High resolution LCD, real time data presenting  
NANO-DP with high resolution LCD display ensures data can be read easily during transportation. Visible alarm helps to reduce the risk of the over-limit conditions.
- Low power, reusable  
NANO's low power consumption makes special type continuously working for 120days possible. Furthermore, it is reusable and environmental friendly.
- Magnetic record on/off  
Magnetic record on/off function designed for convenience. Users can use any kind of magnetic to start/end recording in batch processing.

## Dimensions (Unit:mm)





# NANO-T

Compact Data Logger for Temperature

## Specifications

- Compact size for portable using; integrated USB interface for a convenient connection with PC
- Visual alarm when temperature or humidity is out of limit
- Housing material is free of toxicity and halogen, which is in compliance with food and drug safety requirements
- Suitable for temperature data collection in narrow space



Compact Size



HID USB



LCD Display



Magnetic Operating



Rechargeable



PDF

Measuring Data	
T Measuring range	-30°C~70°C, -40°C~85°C(No display)
T Accuracy	±0.3°C(23°C±2°C), full scale±0.5°C
T Resolution	0.1°C/0.2°F

Sensing Probe	
Model	Digital sensor/NTC

General	
Memory size	7 / 15 / 30 / 45 / 60 / 90 / 120 days
Alarm	Highlight LED indicator with dual colors
Sampling interval	10s
Logging interval	5 min (Memory size 7 / 15 / 30 / 45 days)
	10 min (Memory size 60 / 90 days)
	15 min (Memory size 120 days)
Start with delay time	1~120 seconds
Start mode	Start immediately / Delay start / Timing start / Magnetic start
End mode	Full / Timing end / Magnetic end
Timing start/end	Random start/end with format YYMMDD HHMMSS
Interface	USB2.0
Battery	3.6V lithium battery (Rechargeable)
Battery lifetime	45~150 days (Working time)
Recharge times	≥300 cycles
Software	Quick Log
Storage temperature	-50°C~90°C
ESD Protection	±25KV
IP Class	IP64
Certificates	CE、FCC、VCCI、C-TICK

General Features	
Housing	ABS+PC, flame-retardant, toxicity and halogen free
Dimensions	79×22×7.4mm
Display area	21.5×5.5mm
Weight	12g

## Temperature Accuracy

