



DR-200B

DR-200B Temperature Data Logger is widely used for the storage and transportation of the foodstuff, medicine, fresh and live goods. It is used in industries which are accordant with HACCP System Certificate as well. Furthermore, it can be used in locales where need temperature supervision, such as labs. DR-200A+ has features as following: reliable performance, large data recording capacity, high accuracy, easy-to-use, passwords protection, alarming and recording parameters adjustable, data reservation after electricity being cut off, etc.

Data logger with embedded thermal printer

Main features:

- ◆ Passwords protection, avoid misoperation by non-professionals, prevent data loss
- ◆ Buzzer + Alarming relay output, customer can flexibly choose according to the demand
- ◆ With embedded thermal printer, could print more quietly and quickly
- ◆ Flexible print, customer can print data in specific time segment according to their demands
- ◆ User name and meter station number can be separately set by users for an easy distinction
- ◆ Accordant with HACCP System Certificate and medical standard

Specification

- ◆ Mounting size: 131.5mmX131.5mm
- ◆ Product size: 144mmX144mmX83mm

Technical parameter

- ◆ Power supply: 12VDC~24VDC or 12VAC~24VAC
- ◆ Temperature measuring range: -40~+110℃
- ◆ Resolution: 0.1
- ◆ Accuracy: $\pm 0.5^{\circ}\text{C}$ (at $-10^{\circ}\text{C}\sim+85^{\circ}\text{C}$), $\pm 1^{\circ}\text{C}$ at others
- ◆ Alarming temperature difference: $1^{\circ}\text{C}\sim 20^{\circ}\text{C}$ (adjustable)
- ◆ Alarming output: buzzer and alarming relay
- ◆ Recording cycle: 1min~24hours (adjustable)
- ◆ Recording and measuring ways: one way
- ◆ Printing output: Mini thermal printer output
- ◆ Startup delay: 0~6 hours (adjustable)
- ◆ Alarming delay: 0~90 minutes (adjustable)
- ◆ Recording capacity: 4500 points (MAX)
- ◆ Alarming relay contact capacity: 8A/220VAC or 5A/30VDC

Parameter List

Menu Items	Function	Setting range	Default
—AA—Basic parameter setting submenu			
A00X	Temperature	-39℃~109℃	25℃
2A0X	Alarming difference in temperature	0~20℃	0℃/alarm case
3A0X	Startup delay	0~6hours	0
4A0X	Alarm delay	0~90minutes	5
5A0X	Printing Language selection	0 Polish 1 English	1
—BB—System time setting submenu			
000X	Year Setting	20/00~20/99 (Year)	
200X	Month Setting	01~12 (Month)	
300X	Day Setting	01~31 (Day)	
400X	Hour Setting	00~23 (Hour)	
500X	Minute Setting	00~59 (Minute)	
—CC—Recording cycle setting submenu			
000X	Hour setting	00~23 (Hour)	00
200X	Minute setting	00~59 (Minute)	05
—DD—Print setting submenu			
000X	Print start-up month setting	-1 (Last month) 0 (Current month) (from Jan to Dec)	-1
200X	Print start-up date setting	1~31 (Date)	01
300X	Print start-up hour setting	00~23 o'clock	00
400X	Print end month setting	-1 (Last month) 0 (Current month) (Jan~Dec)	0
500X	Print end date setting	1~31 (Date)	31
600X	Print end hour setting	00~23 o'clock	23
—EE—Password modifying submenu			
E---E	New password input	000~999	000
—FF—User name setting submenu (≤32characters input available)			
XX--F	New user name input	See Addenda1	Blank space
—GG—Working site setting submenu (≤25characters input available)			
XX--G	New working site input	See Addenda1	001
—H—Recording data clear-up submenu			
H--	Data cancelled mode		