

DR-210A

Temperature & RH (Humidity) Recorder with Printer



Product Overview:

DR-210A is a temperature and humidity data logger, with a wide temperature range, high accuracy, and large recording capacity and built in printer. Dot-matrix LCD screen can simultaneously display system clock, current work status, recording capacity and temperature and humidity data. The logger has USB interface and RS485 interface. It has two alarming output: buzzer, and alarming relay. It has also real-time transmission, historical data uploading, data saving and printing, etc.

Applications:

This series of products are widely used in food & pharmaceutical industries, warehousing, computer rooms, Laboratories, cold-chain transportation and other industries accordant with HACCP system certification,

Features:

- Monitor and record temperature and humidity
- Temperature and humidity recording cycle could be flexibly adjusted
- Large recording capacity. If record every 15 minutes, it could last recording for half a year
- Big LCD screen can simultaneously display system clock, current work status, recording capacity, temperature and humidity data.
- High & Low alarm settings can be set for temperature & humidity.
- Internal battery backup, the clock could keep running for over half a year.
- Several kinds of data interfaces for data uploading and printing
- RS-485 interface to monitor several data loggers' temperature at the same time
- The data processing software provides real-time monitoring, printing and managing the data
- Two alarming output: buzzer, and alarming relay
- Standby rechargeable battery, which could run up to ten days without external power.

Specifications:	
Dimensions	144 x 144 x 83mm
Panel Cut Out	131 x 131mm
Power Supply	12/24V AC/DC
Temperature Probe	NTC with 5m cable
Temperature Probe Range	-50/120°C
Temperature Accuracy	± 0.5°C (-30/20°C) ± 1.0°C (-40/ -30°C & 20/70°C) ± 2°C (70/120°C)
RH Probe	5m Cable
RH Range	0/95% RH
RH Accuracy	± 5% RH @ 25°C
Resolution	0.1°C and 0.1% RH
Recording Intervals	1 minute to 24 hours
Storage	130,000 readings
Operating Environment	-35/70°C and 0/95% RH
Alarm	Buzzer and Relay
Communication	USB and RS485
Standby Battery	3.6V 2200mAh NI-MH Battery

Device Standard Accessories:

- DR-210A Temperature data logger
- One Temperature Sensor (length: five meters)
- One Humidity Sensor (length: five meters)
- One Computer installation software CD
- One USB Serial Extension Cable
- One Operation Instruction
- One Power Adaptor

Optional Accessories:

- Micro-Stylus Printer 24SH
- RS232/RS485 Converter