



Temperature Data Logger



HTM200 Series

8 Channels, 11 Thermocouple Types



Product Features

- Adjustable auto power off timer. Both text display and graph display are available;
- Built-in rechargeable lithium battery. Isolated input protection up to 300 VDC between any two channels;
- 320 × 240 TFT LCD. Display all channels simultaneously;
- Compatible with Type K, J, T, E, B, N, R, S, A, C, D thermocouple probes to provide a wide range of temperature measurements;
- Standard USB storage memory expansion, optional SD card memory;
- Temperature alarm function. Programmable alarm;
- Standard USB (Type-C) communication, optional wireless communication using either bluetooth or 4G (fourth-generation wireless);
- The application can be downloaded and installed on mobile device with Windows or Android OS;
- Data can also be downloaded to a PC with a USB cable. SCPI remote command control;
- Widely applied in constructions, logistic business, electronic components measurements and other industries.

Specification

Parameters	
Input Type	J, K, T, E, S, N, B, R, A, C, D
Temperature Accuracy Type K (Excluding Thermocouple Tolerance)	-200°C to 0°C: $\pm 1.2^{\circ}\text{C}$
	0°C to 1,370°C $\pm 0.8^{\circ}\text{C}$
Input Temperature Range	Type K: -200°C to 1,370°C
Resolution	0.1°C
Calibration	User single point offset calibration is available for all channels
CJC (Cold Junction Compensation) Accuracy	0.5°C
Software Compatible OS	Android, Windows
Data Interface	USB-Type C (standard), Bluetooth or 4G (optional)
Maximum Input Voltage	$\pm 75\text{VDC}$
Input Connector Type	E0308 plug-in 16-pin terminal blocks
Display	2.8 inch TFT-LCD with adjustable backlight
Language	Chinese and English
Operating and Storage Environment	Operating Condition: 0~40°C, <80% RH; Storage Condition: -10~60°C, <90% RH
Power Source	DC 5V 2A through AC adapter or USB cable Lithium battery 3.7V 2,600mAh (2pcs)
Battery Life	>15 hours
Weight	600g
Dimensions	200mm \times 98mm \times 40mm (L \times W \times D)

Model

Model	Channels	USB	Bluetooth	SD Card	4G Wireless	Input Type
HTM204B	4	Support	N/A	N/A	N/A	J/K/T/E/S/N/B/R/A/C/D
HTM208B	8	Support	N/A	N/A	N/A	J/K/T/E/S/N/B/R/A/C/D
HTM204C	4	Support	Support	Support	N/A	J/K/T/E/S/N/B/R/A/C/D
HTM208C	8	Support	Support	Support	N/A	J/K/T/E/S/N/B/R/A/C/D
HTM204D	4	Support	Support	Support	Support	J/K/T/E/S/N/B/R/A/C/D
HTM208D	8	Support	Support	Support	Support	J/K/T/E/S/N/B/R/A/C/D