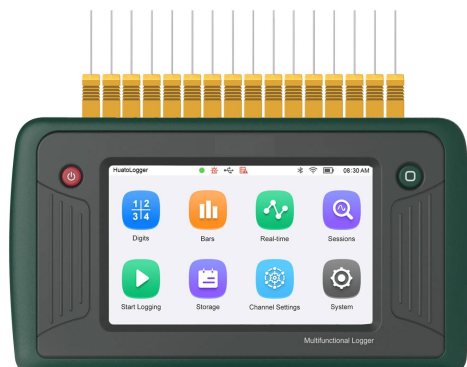


16 CHANNEL MULTIFUNCTIONAL THERMOCOUPLE DATA LOGGER



Key Features

- 16-Channel thermocouple input
- Large 5" capacitive touch screen with 800×480 resolution
- Real-time monitoring, graphical and digital display modes
- Data logging: 100,000 records per session, up to 8 million total
- CSV export via USB or SD card (32G max)
- Ethernet support: 10/100 Mbps, full/half duplex
- Internal memory: 32GB
- 1-second sampling & recording interval
- 5000mAh rechargeable battery
- Supports K, J, E, T, R, S, N, B, C thermocouples

General Specifications

Item	Specification
Dimensions	189.3 × 103.5 × 39 mm (with sleeve)
Display	5" capacitive touch screen, 800 × 480 resolution
Channels	16-channel thermocouple input
Internal Storage	32GB
Data Logging	100,000 records/session, 8 million total
External Transfer	USB 2.0, SD card (32GB max)
Ethernet	10/100 Mbps, full/half duplex
Battery	5000mAh
Sampling Interval	1 second (fastest)

Data Format	CSV
Operating Temp	-10°C to 50°C
Storage Temp	-20°C to 60°C
Humidity	5% – 95% RH (non-condensing)
Shell Material	PC/ABS with TPE

Thermocouple Input Specifications

Type	Range (°C)	Resolution	Accuracy
K	-270 to 1370	0.01°C	±0.5°C
J	-200 to 760	0.01°C	±0.5°C
E	-270 to 978	0.01°C	±0.5°C
T	-270 to 400	0.01°C	±0.5°C
R	-50 to 1760	0.01°C	±2.0°C
S	-50 to 1760	0.01°C	±2.0°C
N	-270 to 1300	0.01°C	±0.5°C
B	50 to 1820	0.01°C	±2.0°C
C	0 to 2320	0.01°C	±4.5°C (<425°C), ±1.0% (>425°C)