

USB TEMP&RH DATA LOGGER

Celsius



EN12830 CE



Built-in USB Connector

Enables quick connection with PC anytime anywhere, no cable and reader required to download data.



Auto PDF/CSV Report

Automatically generates PDF report and CSV file



Intuitive LCD Indication

LCD presents all key information including recording statistics, alarm and running status

APPLICATIONS



Fresh frozen



Warehouse



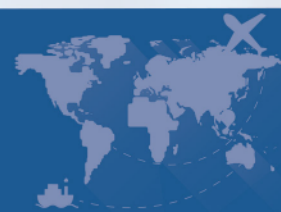
Cold-chain transportation



Fruit



Medicine



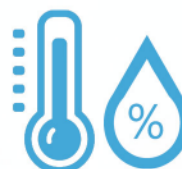
HOW CELSIUS WORKS



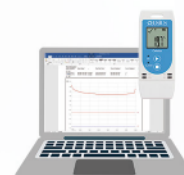
Press the button to start



Put into the refrigerator/carton



Logging temperature and humidity



Connect PC to get PDF/CSV report

TECHNICAL SPECIFICATIONS

Celsius

Accuracy	Temp: $\pm 0.5^{\circ}\text{C}$ ($-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$), $\pm 1.0^{\circ}\text{C}$ (other) ; Humidity: $\pm 5\%\text{RH}$
Measuring Range	Temp: $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$; Humidity: $5\% \sim 95\%\text{RH}$
Alarm Range	Programmable high or low alarm limit for each channel [Default: $<2^{\circ}\text{C}$ or $>8^{\circ}\text{C}$, $<40\%\text{RH}$ or $>80\%\text{RH}$]
Waterproof Level	IP54
Memory Capacity	32000
Recording Option	Push-To-Start or Start Delay
Resolution	0.1%RH typically, 0.1°C
Temperature Scale	$^{\circ}\text{C}$ or $^{\circ}\text{F}$
Battery Shelf Life	2 years
Recording Interval	10 seconds to 99 hours adjustable [Default: 10 mins]
Start Delay	Programmable (0-72 hours) [Default: 30 mins]
Alarm Delay	Programmable (0-99 hours) [Default: 10 mins]
Report Generation	Simultaneously generate PDF report and CSV file
Communication Interface	USB 2.0
Time Zone	UTC +0:00 (Default)
Dimension	89mm x 36mm x 16mm
Weight(s)	25g

FEATURE

- Designed to be Multi-use
- Temperature & Humidity measurement and recording
- Statistics available on LCD screen
- No software needed to export data
- Automatically generate PDF report and CSV file
- Reprogrammable software for logging parameters, alarms, and start delay

Celsius is the perfect tools for cold-chain monitoring and documentation of temperature and relative humidity conditions that are critical in laboratories, pharmaceutical, medical, storage, freezers, coolers, shipping containers, warehouses, environmental monitoring and food storage applications.