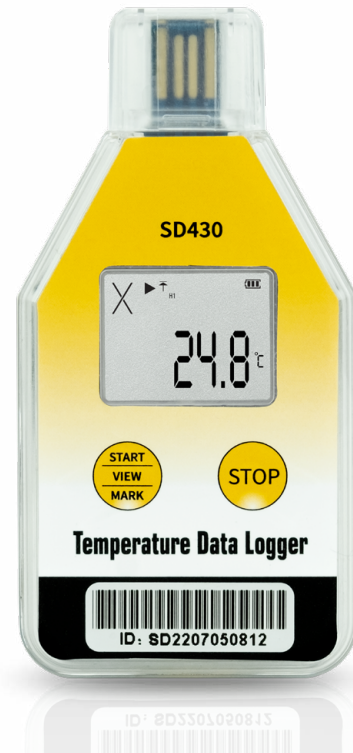The Tekneka SD430 is a single-use temperature data logger that comes with a 1.5-inch LCD display for easy monitoring of temperature data. It can measure temperatures from -30 to 60°C and record up to 32,000 readings. It can automatically generate data reports (pdf, csv) while connected to a PC. It has logging intervals from ≥ 1 second to 18 hours and customizable extreme high/high/low/extreme low alarm limits.

The SD430 comes with start/stop functions, view log points, MAX/MIN, and add 6 markups while recording data points. This single-use data logger gives accurate temperature measurements, which is powered by a 3V internal battery, and the display can be switched off for a long standby time.

Features

- It comes with a 1.5-inch display and shows the recording status
- This single-use data logger has a huge storage capacity of 32,000 readings
- Easy to shift temperature scale units available (°C/°F)
- IP67 protection, very compact, and easy to extract recorded data
- No software is required to download recorded points
- Automatically generate report while connected to PC
- Users can mark up to 6 points while in the record state
- It can generate reports in both pdf & csv format
- Recorded data automatically scaled to graph
- UTC time zone, start/alarm delay can be configured
- Compact and good battery life for longer recording duration
- Can set high/low temperature violation alarm limits

Applications

Widely used in Warehouse Storage, Logistics, Cold Chain Transportations, Refrigerated Containers, Refrigerated Vehicles, Refrigerated Distribution Boxes, Refrigerated Containers, Cold Storage, Laboratory and Agricultural Greenhouses.

Packing Includes

- SD430 Device Only

Ordering Info.

SD430-XX........Temperature Data Logger (XX days)

Model	SD430-15	SD430-30	SD430-45	SD430-60
Duration (XX days)	15	30	45	60
Logging Interval	40sec	1min 20sec	2min 1sec	2min 41sec
Data Points (per day)	2160	1080	714	537

Table A

Description	Ranges
Temperature Measuring Range	-30 to 60°C (-22 to 140°F)
Temperature Accuracy	±0.5°C (-10 to 40°C), ±1.0°C(Other)
Display Resolution	0.1°C
Usage Type	Single use
Memory Range	32,000 data points
Data Logging Interval	≥ 1 second to 18 hours
Start Mode	Button/Specific date & time
Start Delay	0 to 254 minutes
Time Zone	User configurable
Temperature Alarm	Upper & Lower limit setup
Alarm Delay	0 to 254 minutes
Export Report Format	pdf, csv
Device Interface	USB 2.0
Battery	1 x 3V, Coin cell battery (CR2032)
Battery Self Life	Typically 2 years
Operating Conditions	-30 to 65 °C
Protection Class	IP67
Dimension	95.5 x 49 x 7.8mm
Weight	Net: 25g