

Tekneka 116D is a Reusable Temperature and Humidity Data Logger that comes with a 1.5-inch LCD for easy monitoring. It can measure temperatures from -30 to 60°C (-22 to 140°F)/humidity from 0 to 85%RH and record up to 32,000 readings. It can also generate data reports (pdf, csv) while connected to a PC, preventing the need for software to extract data every time. It has a logging interval from ≥ 1 second to 18 hours and customizable extreme high/high/low/extreme low alarm limits. This temperature and humidity data logger also has start/stop functions, view log points, MAX/MIN, and add markups while recording data points. It gives accurate measurements of temperature and humidity, which is powered by a 3V internal battery (CR2032), and the display can be switched off for a long standby time.

Features

- It comes with a 1.5-inch LCD and shows the recording status
- This reusable data logger has a storage capacity of 32,000 readings
- Logging intervals, time, and alarm limits can be programmed through software
- Easy to shift temperature scale units (°C/°F)
- Can set high/low temperature violation alarm limits
- 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
- IP65 protection, very compact, and easy to extract recorded data



Applications

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



Description	Ranges
Temperature Measuring Range	-30 to 60°C (-22 to 140°F)
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ (-10 to 40°C), $\pm 1.0^{\circ}\text{C}$ (other)
Humidity Measuring Range	0 to 85%RH
Humidity Accuracy	$\pm 3\%$ RH
Display Resolution	0.1°C/0.1%RH
Usage Type	Multiple use
Memory Range	32,000 data points
Data Logging Interval	$\geq 1\text{sec}$ to 18hrs (programmable)
Start Mode	Button/Specific date & time
Start Delay	0 to 254 minutes
Time Zone	UTC 0.00 (default)
Temperature Alarm	Upper & Lower limit setup
Alarm Delay	0 to 960 minutes
Export Report format	pdf, csv
Device Interface	USB 2.0
Battery	1 x 3V, Coin cell battery (CR2032)
Battery Life	Typically 1 year
Operating Temperature	-30 to 65°C (-22 to 149°F)
Device Dimension	89 x 36 x 16mm
Weight	Net: 32g

Packing Includes

- User Manual

Ordering Info.

116D..... Temperature Humidity Data Logger