Tekneka

Product Datasheet

The Tekneka 146D Temperature and Humidity Data Logger is a versatile and reliable monitoring device for accurate environmental tracking in critical applications. It measures temperatures from -30 to 70°C with an accuracy of ±0.5°C and relative humidity from 0 to 100%RH with an accuracy of ±3%RH. With a data logging capacity of up to 35,000 readings, the recorded data can be accessed in PDF and CSV formats via a USB connection to a PC without additional software. The LCD screen provides real-time insights, displaying Max/Min/Average values, alarm status, remaining days, battery level, and trip statistics. The Tekneka 146D also allows users to set up 9 mark points and 6 alarm points, making it an ideal choice for industries requiring precise and automated environmental monitoring.

Features

- LCD Display: Shows Max/Min/Average values, alarm status, battery level, and more
- Easy Data Access: Connects to a PC via USB without additional software
- Configurable Alarm System: Supports up to 6 alarm points for critical deviations
- Mark Point Feature: Allows up to 9 mark points for tracking specific events
- Real-Time Monitoring: Provides immediate feedback on environmental conditions
- Compact & Durable Design: Designed for industrial and commercial applications
- User-Friendly Interface: Simple operation for seamless data logging and retrieval

Applications

The Tekneka 146D Temperature and Humidity Data Logger is widely used in pharmaceutical storage, cold chain logistics, food safety, agriculture, warehouses, HVAC systems, museums, and research laboratories. It plays a vital role in ensuring product integrity, preventing spoilage, and maintaining regulatory compliance by offering real-time environmental monitoring with instant alerts and data tracking.

Description	Ranges
Temperature Range	-30 to 70°C (-22 to 158°F)
Accuracy	±0.5°C
Humidity Range	0 to 100%RH
Accuracy	±3%RH
Resolution	0.1°C	0.1%RH
Data Logging Capacity	Max. 35,000 readings
Logging Interval	1 min to 24 hrs
Start Delay	0 min to 24 hrs
Run Days	Max. 999 days
Mark Points	Max. 9 mark points
Alarm Points	Max. 6 alarm points
Report Format	PDF & CSV
Device Interface	USB 2.0
Battery	3.6V lithium battery
Battery Life	Max. 999 days
Protection Grade	IP65
Standards	CE	RoHS	EN12830
Dimension	97 x 45 x 19.5mm
Weight	60g (0.13lbs)

Ordering Info

146D..... Temperature and Humidity Data Logger