



Kestrel DROP D1 Wireless Temperature Monitor and Data Logger

Product Images





Short Description

The Kestrel DROP D1 data logger is ideal for recording temperature developments for many applications including transportation, agriculture, environmental monitoring, facilities management, HAZMAT and fire-fighting, outdoor sports and much more.

Description

Kestrel DROP data loggers are designed to be used anywhere you need to track environmental conditions. DROP loggers meet military and international standards for water, dust and shock resistance and are equipped with a sturdy D-ring for hanging wherever needed.

- The EASIEST way to monitor and track temperature in almost any environment – wet or dry, indoors or out
- View temperature data wirelessly via Bluetooth Smart on your iOS or Android phone or tablet with the free Kestrel LiNK app
- Store thousands of data points and get months of logging on a single coin-cell battery – customise logging rate, connections and temperature alerts
- Drop-Tested to MIL-STD-810G
- Waterproof to IP67 (1 metre submersion for 30 minutes)
- Floats.

Country of Manufacture	United States
Brand	Kestrel
Measurements	Temperature
Typical applications	Building Monitoring, Building Performance, Cold Chain, Environmental (Indoor), Environmental (Outdoor), Field Research, Hazardous, HVAC, Medical, Pharmaceutical, Thermal Comfort

Additional Information

Use a DROP Anywhere - Small, Accurate, Rugged and Waterproof

The Kestrel DROP D1 employs a sealed precision thermistor mounted externally and thermally isolated for rapid response to monitor and record temperature over an operational and specification range of 10°C to 55°C within +/- 0.5°C accuracy. Each Kestrel DROP Data Logger is powered by one easily replaceable CR2032 lithium coin cell battery that will last up to 4 months (typical conditions and logging/connection settings). The DROP D1 holds more than 13,000 temperature readings.

Powered by the Kestrel LiNK App

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Kestrel LiNK is the free app that powers the DROP loggers. With Kestrel Connect, you can view real-time readings from any DROP logger within wireless range (100 ft or more line of sight) via *Bluetooth® low energy*. Each phone or tablet can connect to up to 8 DROP loggers at the same time and store data logs from many more. Min/Max/Average readings are clearly displayed and the log is viewable as a scrolling graph with detailed data for each logged point.

The app also allows adjustment of the logging interval and other settings as well as real-time threshold alerts. Readings can be updated as frequently as every 2 seconds and logging time and date are automatically updated whenever connected to your smart device. Send and share real-time and logged environmental data via email, Facebook or Twitter.

Requirements:

- iOS 6 installed iPhone 4s, iPad 3rd generation, iPod Touch 5th generation and above.
- Android 4.2 and higher. Works with most Android devices with Bluetooth® low energy, including Samsung Galaxy, Nexus 4, Motorola Droid, and other recent generation phones and tablets.

American-Made Quality and a Five-Year Warranty

Every Kestrel environmental instrument is designed and built entirely in the USA. Kestrel's history and focus on quality and ruggedness is reflected in the DROP's industry-leading five-year warranty. Kestrel has been building rugged environmental instruments that help people do their jobs more safely and efficiently for more than fifteen years and has built a reputation for reliability one metre at a time.

Explanation

Ideal For

Professional, Amateur, Interested, Gardeners, Agronomy

Power

Battery Only

Dimensions

24 x 46 mm x 60 mm

Batteries

One CR2032 Battery (included).

Software

Kestrel LiNK App Features

- View real-time conditions and download data logs from up to 8 local devices up to 100 ft away.
- View and analyse logged data through measurement lists, statistics and graphs.
- Remote Monitoring – Set Alert Service on a local mobile device and receive email alerts from your DROP or Kestrel 5 Series whenever conditions go outside your preset thresholds.
- Export complete or partial data logs to analyse in a spreadsheet.
- Send weather reports through social media.
- Manage the device name, logging rate and other device settings.