

# DICKSON SK500/SK180

**SUPER COMPACT AND ECONOMICAL DATA LOGGER**

So compact, slightly larger than a quarter, you can put this data logger just about anywhere. Available in cost effective 12 packs (SK500) or sold individually with  $\pm 1.2^{\circ}\text{F}$  temperature accuracy (SK180).

## Use the SK500/SK180 for:

- Monitoring goods in storage
- Logging conditions while goods are in transit
- Mapping and evaluating HVAC/R systems
- Place these loggers in shipping containers, refrigerators, freezers, coolers, ventilation ducts, and just about anywhere you need to monitor temperature conditions.



View downloaded data with user friendly DicksonWare™ software. It creates a graph of your data in seconds and features include customization of your graph and zooming and viewing of your data in tabular format. You can also view data from several loggers on a single graph enabling easy comparison of multiple sets of data. Transferring the data into documents or spreadsheets is a snap!

## Specifications:

**Temperature Range: SK500:** -4 to +158°F (-20 to +70°C); **SK180:** +40 to +110°F (0 to +43°C)

**Temperature Accuracy: SK500:**  $\pm 1.8^{\circ}\text{F}$  ( $\pm 1^{\circ}\text{C}$ ) over range -4 to +158°F (-20 to +70°C)

**SK1800**  $\pm 1.2^{\circ}\text{F}$  (0.67°C) over range +40 to +110°F (0 to +43°C)

**IP Rating:** IP20

**Data Capacity:** 3840 Sample Points

**Sample Interval:** Variable from 10 sec. to 24 hour in 10 sec. increments

**Battery Type/Life:** Lithium 3V, approximately 1 year

**Response Time:** 10 minutes to 63% of full scale

**Download Time:** 30 sec., typical with logger full

**Approvals:** CE

**Enclosure:** Polycarbonate

**Memory:** EEPROM

**Dimensions:** 1.35" x 1.1" x 0.485" (3.43 x 2.79 x 1.23 cm)

**Weight:** 0.44 ounces (12.4 grams)

**Includes:** 3V Lithium battery

## A015 – DicksonWare & Download Cable Specifications:

**Compatible With:** Microsoft Windows® 95, 98, 2000, NT and XP

**PC Requirements:** PC with 386 or better microprocessor, 4MB RAM, 1 free COM (serial) port, CD drive

**Cable Type/Length:** 9 pin male D-shell to male 2.5mm stereo plug, 6' long

**Computer Interface:** RS-232 COM (serial port)

**DicksonWare Version Required (minimum):** 7.5.0

## DICKSON

[www.dicksonweb.com](http://www.dicksonweb.com)

930 S. Westwood Ave., Addison, IL 60101-4917

Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498

All specifications are subject to change • Made in U.S.A.

rev. 07/06

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## Ordering Information

<b>Description</b>	<b>Order No.</b>
Super Compact Data Logger 12 pack	SK500
Super Compact Data Logger	SK180
DicksonWare™ Software & Serial Download Cable - English	A015
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - English	A025
DicksonWare™ Software & Serial Download Cable - French	A035
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - French	A037
DicksonWare™ Software & Serial Download Cable - Spanish	A045
DicksonWare™ SECURE Software & Serial Download Cable (21CFR11 compliant) - Spanish	A047

## Calibration Options

<b>Description</b>	<b>Order No.</b>
NIST Traceable Calibration 3-pt. (new unit)*	N300
NIST Traceable Calibration 1-pt. (new unit)*	N100
A2LA Accredited Calibration 3-pt. (new unit)*	N400

\*Calibrations are per unit

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