

# Compact Data Logger

**When price and portability matter most** buy loggers by the dozen for mapping larger warehouses, recording temperature and humidity during shipping, HVAC/R audits, and more.

**Uses for the TK550**

- 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 and humidity 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.



**SPECIFICATIONS**

<b>Temperature Range</b>	-4 to +158°F (-20 to +70°C)
<b>Temperature Accuracy</b>	+/-1.2F (0.67) over range +32 to 110F (0 to 43C); +/- 1.8F (+/-1.0C) <32F (0C) and >110F (43C)
<b>Humidity Range</b>	0 to 95% RH
<b>Humidity Accuracy</b>	±2% over range 10 to 90% RH
<b>IP Rating</b>	IP20
<b>Data Capacity</b>	7936 sample points (3,968 per channel)
<b>Sample Interval</b>	Variable from 10 sec. to 24 hour in 10 second increments
<b>Battery Type/Life</b>	Lithium 3V, approximately 1 year, user replaceable (CR2450)
<b>Response Time</b>	10 minutes to 63% of full scale
<b>Download Time</b>	30 sec., typical with logger full
<b>Sample Interval</b>	User selectable from 1 second to 24 hours
<b>Download Time</b>	45 seconds
<b>Approvals</b>	CE
<b>Enclosure</b>	Polycarbonate
<b>Memory</b>	EEPROM
<b>Dimensions</b>	1.75" x 1.37" x 0.62" (4.45 x 3.48 x 1.57 cm)
<b>Weight</b>	0.82 ounces (23.2 grams)
<b>Includes</b>	3V Lithium battery

**A016-DICKSONWARE™ & DOWNLOAD CABLE SPECIFICATIONS**

<b>Compatible With</b>	Microsoft Windows® 98 or better
<b>PC Requirements</b>	PC with 386MHz or faster microprocessor, 4MB RAM, 1 free USB port, CD drive
<b>Cable Type/Length</b>	USB male series "A" plug to 5-pin male series "B" mini plug, 6' (2 meters)
<b>Computer Interface</b>	USB
<b>DicksonWare™ Version Required</b>	16.0.0 minimum

**ORDERING INFORMATION**

<b>Description</b>	<b>Model No.</b>	<b>Price</b>
Compact Data Logger 12-pack	TK550	<b>\$999</b>
DicksonWare™ Software & USB Download Cable - English	A016	<b>79</b>
DicksonWare™ SECURE Software & USB Download Cable (21CFR11 compliant) - English	A026	<b>199</b>

**ACCESSORIES**

NIST Traceable Calibration 3-Pt.* (new units)	N300	<b>\$156</b>
NIST Traceable Calibration 1-Pt.* (new units)	N100	<b>99</b>
A2LA Accredited Calibration 3-Pt.	N400	<b>269</b>

\*Calibrations are per unit.

**DICKSON****www.DicksonData.com**

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Toll Free Phone: 1-800-323-2448 • Toll Free Fax: 1-800-676-0498  
All prices and specifications are subject to change • Made in U.S.A.