Simple. Scalable. **Wireless.**

DICKSON
WiZARD2
Intelligent Wireless Data Logging Solutions
Ethernet Logger

WT540

DICKSON
WiZARD2
Intelligent Wireless Data Logging Solutions
Ethernet Logger

WH545

Ethernet Loggers are **WiZARD2 Compatible.**
Extend Your Monitoring Network Even Further!

Winter 2012 Catalog
CD250

DICKSON

Dickson Means Data.

And we mean business too. We know that products, processes, buildings, and every monitoring application is vital to your business. For that reason, Dickson has been designing and manufacturing reliable data logging devices for over 80 years and continues to do so today.

Why Trust Dickson To Do My Calibration?

You wouldn't bring your iPad2 to the repair shop down the street. You'd bring it back to Apple. They know the product, have authentic parts, and the necessary equipment for servicing your product. Like bringing your iPad2 back to Apple, returning your Dickson data logger or chart recorder to us, the manufacturer, for calibration is important for the same reasons.

No third party calibration service can provide the same level of service Dickson can. Dickson uses proprietary software and equipment (that is unavailable to third party services) to calibrate and adjust your instrument.

Because of this, third party services can only offer correction values. They'll say and provide documentation that at one point your device reads two degrees off and you need to remember to adjust for that whenever taking a measurement. Dickson can provide calibration that not only tells you how far off your instrument's readings were, but also make the necessary adjustments. These adjustments are across the entire span of the instrument and not just one individual point. When Dickson calibrates your unit, you don't have to remember or deal with the risks of remembering to adjust measurements. Your unit will read correctly.

TABLE OF CONTENTS

Compact-Sized Report Logger

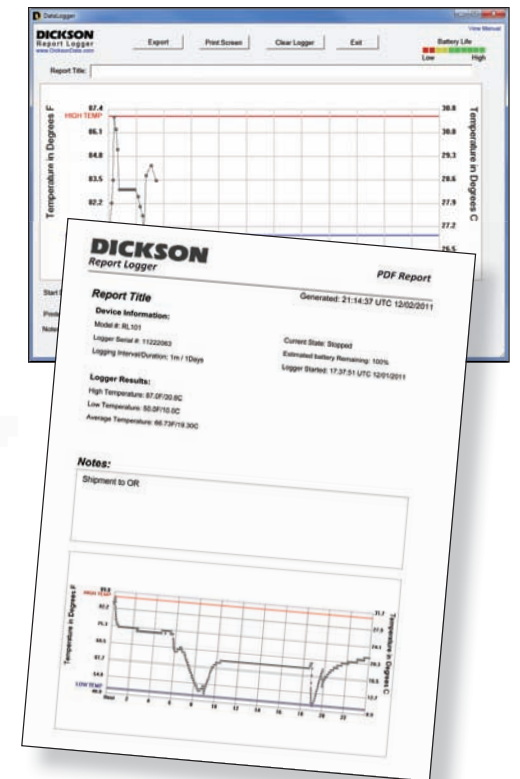### No Software! $ **49**

Features
• Reusable
• Connects directly to your computer via USB
• No cables

For an online product demonstration video, go to: **www.DicksonData.com/RL**

MODEL NUMBER	LOGGING PERIOD	SAMPLE RATE	OPERATING TEMPERATURE RANGE
RL101	1 Day	1 Minute	-40 to 176°F (-40 to 80°C)
RL103	3 Day	1 Minute	-20 to 176°F (-30 to 80°C)
RL107	7 Day	1 Minute	-4 to 176°F (-20 to 80°C)
RL110	10 Day	1 Minute	-4 to 176°F (-20 to 80°C)
RL120	20 Day	2 Minute	32 to 176°F (0 to 80°C)
RL140	40 Day	4 Minute	32 to 176°F (0 to 80°C)
RL175	75 Day	7 Minute	32 to 176°F (0 to 80°C)
RL190	90 Day	9 Minute	32 to 176°F (0 to 80°C)

Sample report generated by the compact-sized RL Report Loggers

Temperature Data Logger

SM300 $249 Range -4 to 158°F, -20 to 70°C. Accuracy ±0.8°F.
SM320* $299 Remote Probe. Range with Probe -300 to 2000°F. Accuracy ±1.8°F.
SM325* $399 Two Remote Probes. Range with Probe -300 to 2000°F. Accuracy ±1.8°F.
SM420 $499 Remote Probe. Range -50 to 350°F, -45 to 176°C. Accuracy ±0.5°F.

$299 Add $99 for 1-Point NIST

SM320 Temperature Model With Remote Probe

Digital Graph Displays Trends
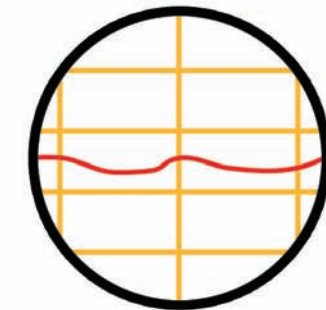
Full control at your fingertips!

- Jumbo 4.1″ x 5.5″ touchscreen temperature and temperature/humidity logger
- Zoom and scroll at the touch of the screen
- Audible/visual alarms
- USB and FLASH card data download
- Rechargeable battery backup
- No running back to your PC to see data. Everything you need at the touch of a finger!

$299 Add $99 for 1-Point NIST

FT500

Standard View

Zoom View

View precise data for any excursions

Temperature/Humidity Data Logger

Industries & Applications
- Warehouses
- Archives
- Surgical Suites
- Laboratories

TM320 $299 Range -4 to 158°F, -20 to 70°C. Accuracy ±0.8°F.
TM325 $399 Remote Probe. Range -40 to 185°F, -40 to 85°C. Accuracy ±0.8°F.

From
$299 Add $99 for 1-Point NIST

TM325 Temperature Model With Remote Probe

Not for use over 95% RH. Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com.**
*Temp Range using standard K-TC probe: -300 +500°F (A203 probe required for +2000°F range).

MODEL	REMOTE PROBE	PROBE TYPE	TEMPERATURE RANGES	ACCURACY	RELAYS	PRICE
TEMPERATURE/HUMIDITY						
FH525	•		-40°F to 185°F	±0.8°F		$459
FH535	•		-40°F to 185°F	±0.8°F	•	$499
TEMPERATURE						
FT500			0 to 122°F	±1.2°F		$299
FT525	•	Thermistor	-40°F to 300°F	±0.5°F		$399
FT520	1	KT/C	-300°F to 2000°F	±1.8°F		$339
FT530	2	KT/C	-300°F to 2000°F	±1.8°F	•	$399
FT540	1	Thermistor/Glycol	-58°F to 158°F	±1.2°F		$419
FT545	2	Thermistor/Glycol	-58°F to 158°F	±1.2°F		$479

For more information, please visit **www.DicksonData.com.**

Temperature and Temperature/Humidity Data Logger

Start/Stop for precision reading!

Features
- LCD display of current and MIN/MAX readings
- High-speed USB connectivity
- User-replaceable battery
- Range -4 to 158°F

SP425 $159 Temperature Logger. Digital Display. Accuracy ±1.2°F. Range -4 to 158°F.
TP425 $249 Temperature and Humidity Logger. Digital Display. Accuracy ±0.8°F. Range -4 to 158°F.

$159 Add $99 for 1-Point NIST

SP425 Temperature Model

Temperature and Temperature/Humidity Data Logger

Great for shipping or moving!

Features
- High/low alarm
- High-speed USB connectivity
- User-replaceable battery

SP125 $119 Temperature Logger. Accuracy ±1.2°F. Range -10 to 176°F.
SP175 $229 Temperature Logger with Thermocouple Probe. Accuracy ±1.8°F. Range -300 to 2000°F.
TP125 $199 Temperature and Humidity Logger. Accuracy ±0.8°F. Range -10 to 176°F.

From $119 Add $99 for 1-Point NIST

SP125

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com.**
*Temp Range using standard K-TC probe: -300 +500°F (A203 probe required for +2000°F range).

Compact-Sized Data Loggers

Ideal when space is a concern!

Features
- USB connection
- Economical 12-pack
- Six month battery life
- Ranges -4 to +158°F (-20 to +70°C)
- Accuracy ±1.8°F (±1°C)

SK550 $699 Temperature. Pack of twelve.

TK550 $999 Temperature & Humidity. Pack of twelve.

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com.**

Dickson Is More Than Print!

Dickson has a growing collection of great videos on:

- Product Introductions and Overviews
- Application Showcases
- How To's

Check out all our videos at www.youtube.com/dicksondata

Product Highlights
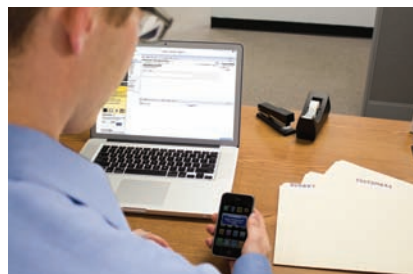
Applications

Instructional

Have an idea for a video? Want us to highlight your application? Email marketing@dicksondata.com for details!
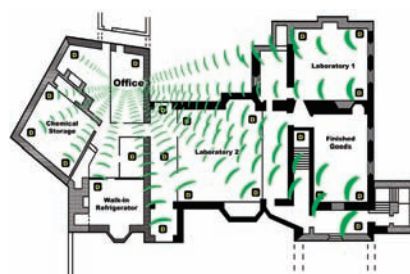
WiZARD2

Simple, scalable, wireless data logging.

Systems Starting at

$498

• **Text and Email Alerts**

Receive emails and/or text messages for:
• Excursions
• Low battery
• Lost communication
• Calibration due

• **Large Monitoring Network**

Create a large wireless network of loggers and add wired loggers when you have those hard to reach areas.

• **Data Comes To You**

No longer do you need to waste time running from logger to logger or building to building collecting all of your readings. Have all your data come back to one centralized computer and view the data across your network.

Ethernet Temperature Data Logger

Create a scalable monitoring network!

Features
• Email and Text alerts available
• Eliminates the need to change charts and pens
• Data automatically downloaded to your computer wirelessly
• Loggers continue to log in the event of a power outage

These loggers, while wired, are compatible with the WiZARD2 monitoring system and software. Use them in conjunction with your WiZARD2 system or without! They allow you to monitor locations that would have previously been cost prohibitive to monitor wirelessly.

$399 Add $99 for 1-Point NIST

WT540

Ethernet Temperature & Humidity Data Logger

$399 Add $99 for 1-Point NIST

WH545

To speak with a system specialist about an application, product, or other concern please call:
888.452.4626

Ready to build your system? Visit:
DicksonData.com/wizard

Stainless Steel Watertight Temperature Data Loggers

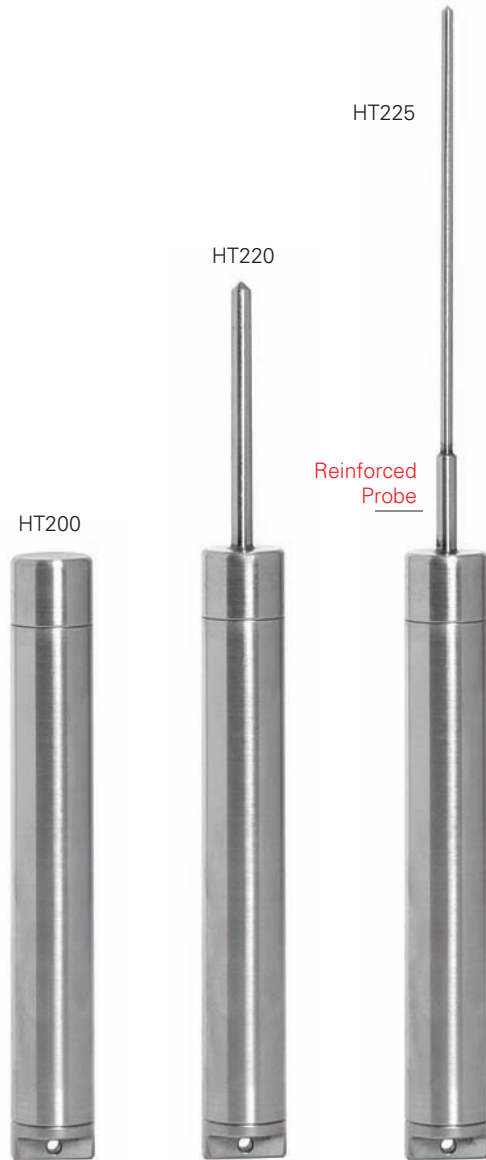**New generation of high temperature data logging!**

Features
- User-replaceable battery
- USB download capability
- Reinforced probe on the HT225 to prevent breakages
- IP68 rating
- Range: -40 to 257°F

Prices Starting At

$310 Add $99 for 1-Point NIST

HT225

HT220

Reinforced Probe

HT200

MODEL	LOGGER LG	LOGGER DIA	PROBE LG	PROBE DIA	PRICE
HT200	5.36″	0.75″			$310
HT220	7.72″	0.75″	2.36″	0.19″	$349
HT225	10.24″	0.75″	4.88″	0.11″	$399

Software required and sold separately. For software and other accessories, please call **800.323.2448** or visit **www.DicksonData.com.**

HT200 Series

User-replaceable battery

USB Connection

8 Inch Temperature Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications
- Ovens
- Warehouses
- Food Processing
- Archives
- Laboratories
- Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES
KT800 $399 Probe. Battery operated.
KT802 $459 Probe. Display.
KT803 $559 Probe. Display. Alarm.
KT856 $729 2 Probes. Display. Alarm. Relays.

ALL MODELS HAVE THE FOLLOWING RANGES:

-50 to +50°F/C • -20 to 20°F/C • 0 to 100°F/C
0 to 150°F/C • 0 to 250°F/C • 0 to 500°F/C
0 to 1000°F/C • 0 to 2000°F

KT803

6 Inch Temperature Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications
- Refrigerators
- Storage
- Clean Rooms
- Laboratories
- Pharmaceuticals
- Medical Equipment

MODELS AND FEATURES
KT621 $369 Probe.
KT622 $459 Probe. Display.
KT625 $599 Probe. Display. Alarm. Relays.

ALL MODELS HAVE THE FOLLOWING RANGES:

-100 TO 0°F/C • -50 TO 0°F/C • -50 TO +50°F/C
0 TO 50°F/C • 0 TO 100°F/C • 50 TO 100°F/C
0 TO 250°F/C • 0 TO 500°F/C

KT622

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

8 Inch Temperature & Humidity Chart Recorder

Easy-to-read chart lets you see temperature and humidity details, not just trends!

Industries & Applications
• Pharmaceuticals
• Archives
• Laboratories & Clean Rooms
• Warehouses
• Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES
TH800 $479 Battery operated.
TH802 $559 Display.
TH803 $669 Display. Alarm. Probe.
TH805 $729 Display. Alarm. Probe. Relays.

Not for use over 95% RH

RANGES	MODELS
32 to 120°F	TH800
0 to 50°C	TH800
-20 to 120°F	TH802, TH803, TH805
-20 to 50°C	TH802, TH803, TH805
40 to 110°F	TH802, TH803, TH805
5 to 40°C	TH802, TH803, TH805
0 to 185°F	TH803, TH805

TH803

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

Add an Optional Probe to your Temperature Unit!

D617 $52 10' K-TC Straight Extension Cable

D605 $73 4" Piercing Probe

D608 $99 5" Immersion Probe

A203 $125 6" High Temperature Immersion Probe

6 Inch Temperature & Humidity Chart Recorder

Easy-to-read chart lets you see temperature details, not just trends!

Industries & Applications
• Ovens
• Warehouses
• Food Processing
• Archives
• Laboratories
• Health - Blood storage, Dialysis Centers, Medical Centers

MODELS AND FEATURES
TH621 $479 Probe.
TH622 $559 Display.
TH623 $669 Probe. Display. Alarm.

ALL MODELS HAVE THE FOLLOWING RANGES:

32 to 100°F • 0 to 50°C

TH623

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

SL4100 Temperature Model

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

4 Inch Temperature Chart Recorder

Designed with simplicity in mind!

Easy-to-use, battery operated and portable
• Digital display
• 24 hour / 7 day recording time
• Wall mount
• Battery door
• Hinged door

Applications
• Refrigerators
• Warehouses
• Freezers
• Laboratories

$239 Add $99 for 1-Point NIST

MODEL	DIGITAL DISPLAY	TEMPERATURE RANGES		PRICE
SL4350	•	-22 to 122°F	-30 to 50°C	$239
SL4100	•	0 to 100°F	-18 to 37°C	$239
SL490	•	45 to 90°F	7 to 32°C	$239
SK4350		-22 to 122°F	-30 to 50°C	$239
SK4100		0 to 100°F	-18 to 37°C	$239

3 Inch Mini Temperature Chart Recorder

Ideal when space is a concern!

Applications
• Refrigerators
• Clean Rooms
• Transportation
• Storage

$219 Add $99 for 1-Point NIST

MODEL	TEMPERATURE RANGES		PRICE
SC367	-14 to 32°F	• -25 to 0°C	$219
SC377	4 to 50°F	• -15 to 10°C	$219
SC386	22 to 68°F	• -5 to 20°C	$219
SC387	50 to 96°F	• 10 to 35°C	$219
SC397	76 to 122°F	• 25 to 50°C	$219

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

SC367

Voltage Chart Recorder

ET855

Features
• Audible/visual alarm
• Large digital display
• Two screw terminal connectors on the back of the instrument for easy connection of the input transmitter

$649

CHART RANGE	7-DAY CHART	24-HR CHART	31-DAY CHART
0 to +100	C412	C410	C409
0 to +1000	C440	C441	
0 to +200	C436	C456	
0 to +14	C453	C457	
0 to +150	C435	C425	
0 to +300	C431	C422	
-10 to +10	C405	C495	
-150 to +250	C452	C442	

Charts sold separately. For charts and accessories, please call **800.323.2448** or visit **www.DicksonData.com.**

ET855

Vaccine Chart Recorder

VFC70

Features
• Easy-to-read special vaccine chart with circular bands highlighting the acceptable vaccine ranges of 35-46°F, 2-8°C
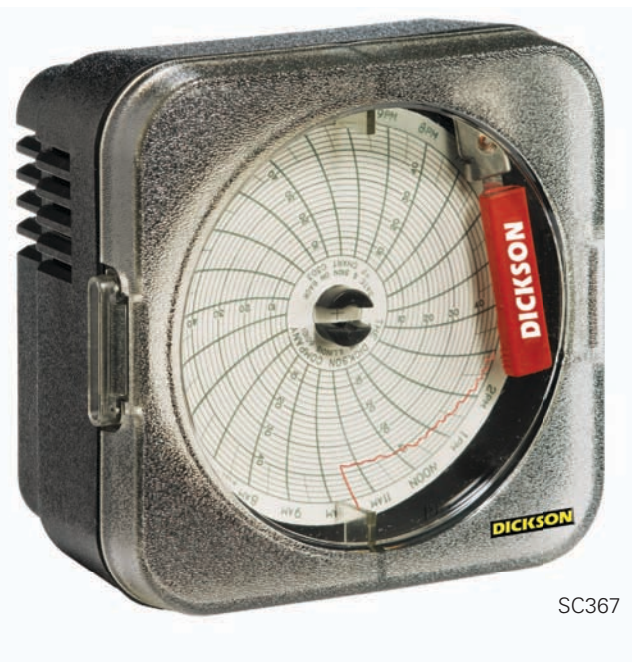• LCD display shows current temperature for quick reference
• Fahrenheit/Celsius Selectable

$259 Add $99 for 1-Point NIST

Charts sold separately. For charts and accessories please call 800.323.2448 or visit **www.DicksonData.com.**

VFC70

Disposable Recorder

One-time use! This disposable temperature recorder is perfect for monitoring goods while in transit.

Multiple features tailored for shipping needs:
• Failsafe start-up and pull out start tab
• Tamper-proof crimped seal
• Shock and vibration protection
• Low cost shipping alternative

$39 Each

D301

MODEL	TEMPERATURE RANGES		RECORDING TIME
D301	-20 to 100°F	• -30 to 37.5°C	10 Day
D302	-20 to 100°F	• -30 to 37.5°C	20 Day
D307	-20 to 100°F	• -30 to 37.5°C	40 Day
D309	-20 to 100°F	• -30 to 37.5°C	75 Day

Vaccine Alarm Thermometer

MM120/125

Features
- LCD display shows current temperature, MIN/MAX temperatures, uses visual alert when in alarm mode and battery level indicator
- High/Low alarms
- Temperature range -58 to ±122°F (-50 to 50°C)

MM120 $49 One Probe.
MM125 $59 Two Probes.

$59 Add $99 for 1-Point NIST

MM125 Two Probe
Temperature Indicator

Indicators

Quickest readings!

Available Features
- Digital display
- Infrared (IR)
- Stores and recalls 16 readings
- Hold button stores readings for later recall
- K-thermocouple probe

TC200

TH300

D182
Infrared

D186
Infrared

MODEL	TEMPERATURE RANGES	PRICE
TEMPERATURE		
D182	-76 to +932°F	$60
D186	-67 to 536°F	$99
TC200	-300 to +2000°F	$299
TEMPERATURE/ HUMIDITY		
TH300	-22 to +185°F • -30 to 185°C	$399

Add $99 for 1-Point NIST

8 Inch Pressure Chart Recorder

Large, easy-to-read chart!

Features
- Rugged low-maintenance design features
- Single AA battery power
- Corrosion-resistant case
- 7-day or 24-hour operation
- Keyhole slot for wall mount
- Splashproof case with an IP rating of 66
- 1/4 inch NPT Connector

PW860 $599 7-day.   0 to 100 PSI.
PW861 $599 24-hour. 0 to 100 PSI.
PW864 $599 7-day.   0 to 200 PSI.
PW865 $599 24-hour. 0 to 200 PSI.
PW866 $599 7-day.   0 to 300 PSI.
PW867 $599 24-hour. 0 to 300 PSI.
PW875 $749 24-hour. 0 to 1000 PSI.

$599 Add $99 for 1-Point NIST

PW875

4 Inch Pressure Chart Recorder

UPDATED

Compact and durable design!

Features
- Operates up to one full year on a single AA battery
- 1/4 inch NPT connection
- For applications where splashproof IP rating is not required
- 7-day or 24-hour selectable

PW470 $449 0 to 100 PSI.
PW474 $449 0 to 200 PSI.
PW476 $449 0 to 300 PSI.
PW479 $449 0 to 500 PSI.

$449 Add $99 for 1-Point NIST

PW470

Charts sold separately. For charts and accessories, please call 800.323.2448 or visit **www.DicksonData.com.**

Pressure Data Logger

User-friendly features!

- One-second sampling rate
- User-replaceable battery
- Pressure sensor includes built-in diaphragm seal
- Display, USB connectivity, FLASH memory downloads
- IP68 case
- Delayed start - start logging once unit is in place

A. Digital display
B. USB
C. FLASH memory card
D. Battery
E. Splashproof case

PR125 $499 Range 0 to 100 PSI.
PR325 $499 Range 0 to 300 PSI.
PR525 $599 Range 0 to 500 PSI.

$499 Add $99 for 1-Point NIST

PR325

Rugged Utility Pressure Data Logger

Compact and discreet!

This data logger fits in toolboxes, tight corners or in wide open spaces without attracting attention. Built for real-world water and gas pressure monitoring.

- Water resistant case
- 3 year battery
- Unobtrusive design
- Fits easily in a toolbox
- Pressure sensor includes built in diaphragm seal.

PR100 $449 0-100 PSI
PR300 $449 0-300 PSI

$499 Add $99 for 1-Point NIST

Software required and sold separately. For more information, please visit
www.DicksonData.com.

Featured Application: Shipping

Whether shipping blood from the blood bank to the OR in a hospital or shipping Florida oranges to Chicago, temperature sensitive products need to get to their destinations safely.

Shipping is often a weak point in the cold chain because it is often unsupervised by those actually responsible for the products contained in the shipments. The capability to document the conditions of your shipment while you can't be there is vitally important. The logging device acts as your eyes and ears.

Shipping temperature sensitive products can be a hassle. From special packaging to insulation there are many details involved. Monitoring a shipment doesn't need to be one of those hassles. One hassle with temperature monitoring a shipment is that the person receiving the unit must have software or special cradles to read the logging device. Dickson has solved this problem with the Report Logger.

Compact-Sized Report Logger

The RL101 is perfect for shipping applications.

- No software required
- PDF Reports for emailing and archiving
- No cables
- Connects directly to USB

* Another Great Product for this Application
Disposable Chart Recorders (Page 15)

See Page 2 for more details.

WE'RE READY TO TAKE YOUR ORDER!
1-800-323-2448 or online at www.DicksonData.com

Application Focus:
Monitoring Shipments

- Compact design fits in almost all shipments
- Receiver doesn't need any software! Just a computer.

See Page 19 for case study

RL101

3 Ways to Order

1 **Online at www.DicksonData.com**

2 **Call 1-800-323-2448 or 1-630-543-3747 and speak to a Customer Service Representative**

3 **Fax to 1-800-676-0498 or 1-630-543-0498**

All prices are subject to change without notice. In the event of a printing error, Dickson reserves the right to charge the correct price.
All shipments ship 2nd day unless otherwise requested.

* How to Use QR Codes

Quick Response (QR) codes are a type of barcode that can be read by cell phones and other readers. Simply download a QR Reader application on your cell phone (we like i-nigma, but there are many others), scan the code, and view additional content like detailed information or product videos!
For more information visit **www.DicksonData.com/qr**