# Monitor Your Environment From Anywhere, 24/7

DicksonOne provides continuous remote monitoring of your most critical environments to ensure product safety and leave you with peace of mind.

# SIMPLE
# SCALABLE
# COMPLIANT

DicksonOne is a cloud-based remote monitoring system that monitors your most important environmental variables including temperature, humidity, and differential pressure. Collect all your data in a single platform, and monitor and receive alerts on any device. With DicksonOne, even the most heavily regulated environments can meet compliance requirements with ease.

## DicksonOne

DicksonOne is a cloud-based environmental monitoring system for monitoring your critical variables. Plus, with multiple alarm notification methods, you can ensure the right people are up-to-date on any excursion with time to act before something spoils. For more information, visit DicksonData.com/DicksonOne.

## DICKSONONE TOUCHSCREEN

*DICKSONONE SUBSCRIPTION REQUIRED*

A capacitive 8" touchscreen offers our best user experience ever and now features customizable views, alarms, and more. Plus, with cloud-based DicksonOne, you get your data at your fingertips and wherever else you might need it.

- ⊘ Intuitive user-interface makes it easy to view and manage your data
- ⊘ Automatically calculates and updates summary data for the selected time range
- ⊘ Includes passcode protection for unit security

TWP

| MODEL | DOWNLOAD TYPE | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY BACKUP | BACKUP CAPACITY | DISPLAY | REPLACEABLE SENSOR™ PORTS | STARTING PRICE |
|---|---|---|---|---|---|---|---|
| TWP | POWER OVER ETHERNET | 32°F TO 158°F (0°C TO 70°C) | 70 HOURS | ~1,000,000 PTS | 8" LCD TOUCHSCREEN | 2 | $680 |
| ⓘ THIS DEVICE REQUIRES A REPLACEABLE SENSOR™ (SECOND GENERATION, SOLD SEPARATELY) | | | | | | | |

## DICKSONONE DISPLAY DATA LOGGER

*DICKSONONE SUBSCRIPTION REQUIRED*

The DicksonOne data logger collects temperature, humidity, and differential pressure data and automatically delivers it to the DicksonOne cloud application. From there, you can access your secure data from any internet-connected device, anywhere in the world. No more downloading data or changing charts—DicksonOne does all the work for you.

DWE2

| MODEL | DOWNLOAD TYPE | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY BACKUP | BACKUP CAPACITY | DISPLAY | REPLACEABLE SENSOR™ PORTS | STARTING PRICE |
|---|---|---|---|---|---|---|---|
| DWE2 | WIFI/ETHERNET | 32°F TO 158°F (0°C TO 70°C) | 1 WEEK | ~400,000 PTS | SEGMENTED | 1 | $405 |
| ⓘ THIS DEVICE REQUIRES A REPLACEABLE SENSOR™ (SECOND GENERATION, SOLD SEPARATELY) | | | | | | | |
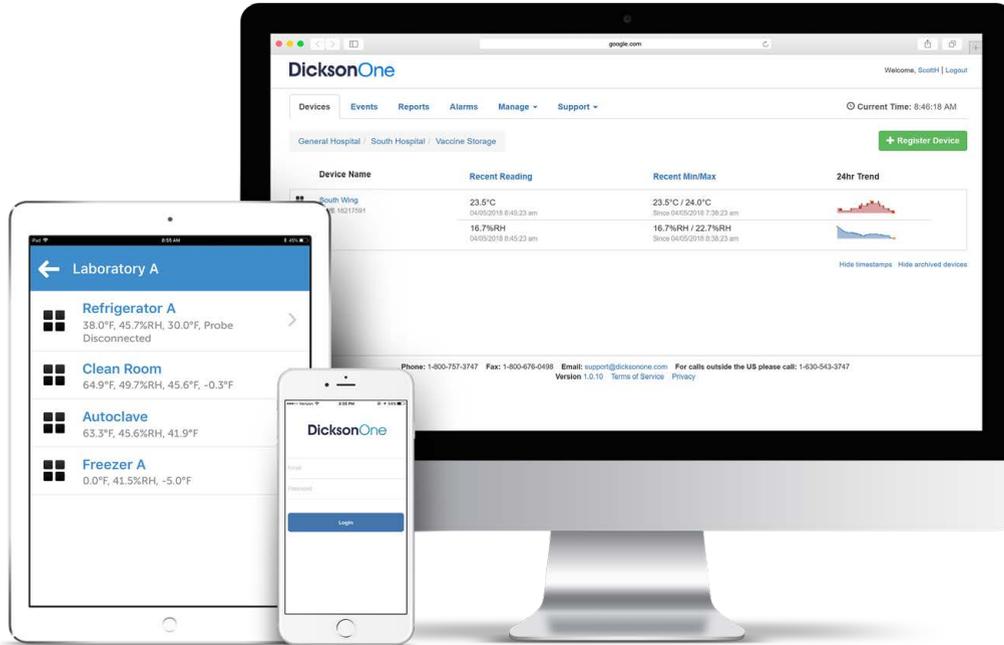
# SOFTWARE

DicksonOne is a cloud-based temperature and humidity monitoring platform. A subscription provides users with the following benefits:

- Automatic updates (nothing to install) with all new features
- Email, Text, & Phone alarms
- Unified monitoring system scalable to your needs
- Remote access for an unlimited number of users anywhere you have internet
- Unlimited data storage
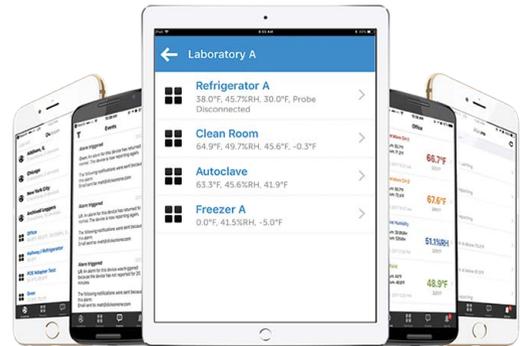
Software available in monthly, yearly, and multi-year contracts with features to meet your compliance needs. Be sure to ask about the benefits of multi-year commitments. **Visit DicksonData.com/DicksonOne for more information.**

| DESCRIPTION | PRICE |
| --- | --- |
| DICKSONONE SUBSCRIPTION | CALL 630.563.4219 FOR OPTIONS AND PRICING |

# CALIBRATION

*When strict environmental conditions are required, it's important to have trusted, accurate sensors that have been calibrated to traceable National Standards.*

| TYPE | INCLUDED DOCUMENTATION | CALIBRATION/ RECALIBRATION |
| --- | --- | --- |
| STANDARD | - | - |
| N100 / N150 | 1-POINT NIST CALIBRATION AND CERTIFICATE | $99 / $156 |
| N300 / N350 | 3-POINT NIST CALIBRATION AND CERTIFICATE | $156 / $209 |
| N400 / N450 | 3-POINT NIST & A2LA CALIBRATION AND CERTIFICATION | $269 / $316 |
| N550 | 3-POINT NIST CALIBRATION WITH BEFORE DATA CERTIFICATE | $269 |
| N995 | CUSTOM CALIBRATION POINT | $69 |

# DICKSONONE BATTERY-OPERATED DATA LOGGER

*DICKSONONE SUBSCRIPTION REQUIRED*

With no AC power or WiFi required, our newest data logger allows you to monitor even the hardest to reach places. Thanks to impressive battery life, unparalleled data transmission distance with LoRa, and its compact size, this data logger can go where no logger has gone before.

- Long-Range Data Transmission with LoRaWAN
- Battery-Powered
- Replaceable Sensor™ Technology

RFL

| MODEL | DESCRIPTION | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY LIFE | BACKUP CAPACITY | RADIO FREQUENCY | RF GATEWAY INCLUDED | STARTING PRICE |
|-------|-------------|------------------------------------------|--------------|-----------------|-----------------|---------------------|----------------|
| RFL | BATTERY-OPERATED DATA LOGGER | 32°F TO 158°F (0°C TO 70°C) | 1+ YEAR | ~30,000 PTS | 915 MHZ LORA | NO | $341 |
| ⚠ **THIS DEVICE REQUIRES THE RF GATEWAY (BELOW) AND A REPLACEABLE SENSOR™ (THIRD GENERATION, SOLD SEPARATELY)** | | | | | | | |

# RADIO-FREQUENCY LORA GATEWAY

Dickson's RF LoRa Gateway makes it easy to connect your batery-operated data loggers to your DicksonOne account.

- LoRaWAN Technology
- Ethernet Connectivity

*This device is required in order to operate Dicksonone Battery-Operated Data Loggers.*

RFG

| MODEL | DESCRIPTION | CHANNELS | IP RATING | STARTING PRICE |
|-------|-------------|----------|-----------|----------------|
| RFG-002-US | RADIO-FREQUENCY LORA GATEWAY | 8 | IP30 | $771 |
| RFG-002-US-LTE | RADIO-FREQUENCY LORA GATEWAY WITH LTE CELLULAR | 8 | IP30 | $821 |
| ⚠ **THIS DEVICE IS REQUIRED FOR THE BATTERY-OPERATED DATA LOGGER** | | | | |

# TOUCHSCREEN DATA LOGGER

*COMPATIBLE WITH DICKSONWARE 2.0 SOFTWARE*

Our touchscreen data loggers were made to simplify, yet enhance your monitoring experience. With a Dickson touchscreen, you can view temperature, humidity, or differential pressure data with nothing more than the touch of a finger. With access to your data right on the screen, proving historical monitoring during an audit has never been easier.

- Replaceable Sensor™ technology
- Viewable data at point of monitoring
- User-selectable Sample Rate
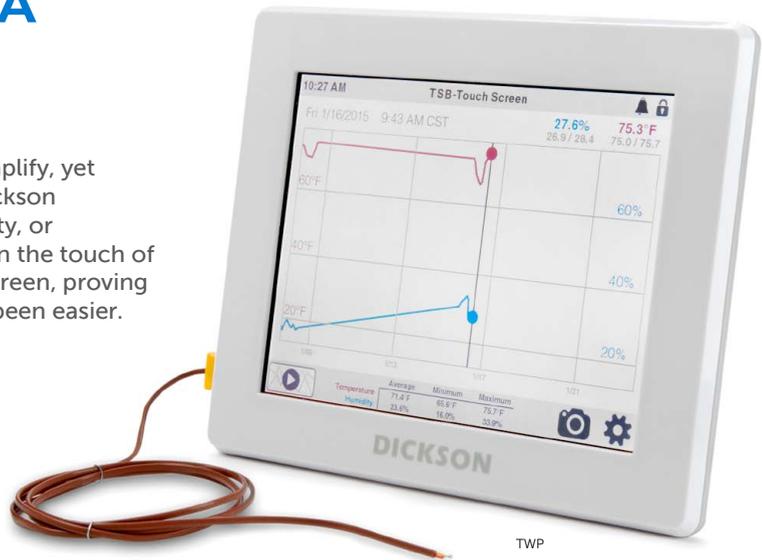
TWP

| MODEL | DOWNLOAD TYPE | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY BACKUP | BACKUP CAPACITY | DISPLAY | REPLACEABLE SENSOR™ PORTS | STARTING PRICE |
|---|---|---|---|---|---|---|---|
| TWP | POWER OVER ETHERNET | 32°F TO 158°F (0°C TO 70°C) | 70 HOURS | ~1,000,000 PTS | 8" LCD TOUCHSCREEN | 2 | $635 |
| **❗ THIS DEVICE REQUIRES A REPLACEABLE SENSOR™ (SECOND GENERATION, SOLD SEPARATELY)** | | | | | | | |

# DISPLAY DATA LOGGER (USB)

*COMPATIBLE WITH DICKSONWARE 2.0 SOFTWARE*

The Display Logger (DSB) is a feature-rich USB data logger. With the logger, it's easy to collect temperature and humidity data from Dickson's Replaceable Sensors™. Works with the latest version of DicksonWare.

- Replaceable Sensor™ technology
- Fast downloading with Legacy Uploader
- Easy-to-use interface
- Audio and Visual alarms

DSB

| MODEL | DESCRIPTION | DOWNLOAD TYPE | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY TYPE | BATTERY LIFE | DATA CAPACITY | SENSOR TYPE | PRICE |
|---|---|---|---|---|---|---|---|---|
| DSB | DISPLAY TEMPERATURE & HUMIDITY LOGGER | USB | 32°F TO 158°F (0°C TO 70°C) | 2 AA BATTERIES (AC POWER ADAPTER SOLD SEPARATELY) | APPROX. 2 YEARS | 400,000 READINGS | REPLACEABLE SENSOR(S)™ (SOLD SEPARATELY) | $205 |
| **❗ THIS DEVICE REQUIRES A REPLACEABLE SENSOR™ (THIRD GENERATION, SOLD SEPARATELY)** | | | | | | | | |

## EMERALD™  Bluetooth® SMART

Specially designed to meet your cold-chain logistics needs, Emerald™ ensures temperature traceability on the move. Emerald™ helps you protect sensitive and perishable products from storage to delivery.

- Robust construction for use in harsh transport scenarios
- Fits neatly inside nearly any type of container, compartment, or enclosure
- Data access, monitoring, and alerts with OCEAView™ mobile
- IP 60 rating
- 1-year battery life (replaceable)

| MODEL | DESCRIPTION | AMBIENT OPERATING CONDITIONS | ACCURACY | BACKUP CAPACITY | IP RATING | PRICE |
|---|---|---|---|---|---|---|
| ENR.EMD.P005 | DATA LOGGER WITH INTERNAL SENSOR | -40°C TO 85°C 0-90% RH (NON-CONDENSING) | ±0.5°C | 16,000 PTS | 44 | CALL FOR QUOTE |
| ENR.EMD.P006 | DATA LOGGER WITH CONNECTOR FOR EXTERNAL PT100 SENSOR | -50°C TO 200°C OR -200°C TO 50°C | ±0.5°C | 16,000 PTS | 40 | |

## EMERALD™ SENSORS

### SON.TPT.0006 PT100 TEMPERATURE

- Cryogenic freezers, liquid nitrogen tanks
- Transport applications when used with the Emerald™ data logger

### SON.TPT.0012 PT100 TEMPERATURE

- Incubators, ovens
- Transport applications when used with Emerald™

| MODEL | DESCRIPTION | AMBIENT OPERATING CONDITIONS | ACCURACY | CABLE LENGTH | PRICE |
|---|---|---|---|---|---|
| SON.TPT.0006 | PT100 TEMPERATURE | -200°C TO 50°C | ±0.08°C TO 0.25°C | 100 CM (W/CONNECTOR) | CALL FOR QUOTE |
| SON.TPT.0012 | PT100 TEMPERATURE | -50°C TO 200°C | ±0.08°C TO 0.25°C | 100C M (W/CONNECTOR) | |

# ATLAS™ Bluetooth® SMART

Atlas™ meets the needs of supply chain stakeholders for continuously monitoring temperature in close proximity to products. Atlas™ enables end-to-end traceability for sensitive products from their point of origin to their final destination.

- Small design enables monitoring ambient temperature directly inside packaging
- Data access, monitoring, and alerts with OCEAView™ mobile
- Cost-effective solution reusable for at least 1 year
- 1-year battery life (non-replaceable)

| MODEL | DESCRIPTION | AMBIENT OPERATING CONDITIONS | ACCURACY | BACKUP CAPACITY | IP RATING | PRICE |
|-------|-------------|------------------------------|----------|-----------------|-----------|-------|
| ENR.ATL.0003 | DATA LOGGER WITH INTERNAL SENSOR | -30°C TO 70°C 0-90% RH (NON-CONDENSING) | ±0.5°C | 16,000 PTS | 30 | CALL FOR QUOTE |

# OCEABENCH™

## COMPATIBLE WITH EMERALD™/ATLAS™

With its embedded OCEABench™ software application, this tool enables you to program Atlas™ and Emerald™ data loggers wirelessly in just a few seconds. OCEABench™ is designed to facilitate efficient preparation of any quantity of data loggers, from a few data loggers to high volumes. "Place-and-play" operation makes OCEABench™ a robust and streamlined tool in any production environment.

- Fast and efficient batch programming
- Easy setup and configuration
- Configurable mission templates for worry-free operation
- Automatic reports for each batch

| MODEL | DESCRIPTION | AMBIENT OPERATING CONDITIONS | PRICE |
|-------|-------------|------------------------------|-------|
| ACC.ENR.0042 | OCEABENCH™ PROGRAMMING TOOL | 32°F TO 140°F (0°C TO 60°C) | CALL FOR QUOTE |

# VACCINES FOR CHILDREN

Established in 1994, the Vaccines for Children (VFC) Program is a federally funded program, overseen by the Advisory Committee on Immunization Practices (ACIP) and the Center for Disease Control (CDC), created to make vaccines available for children whose families can't afford them.

VFC providers are required to check and record refrigerator temperatures twice daily. With continuous monitoring, this process is easier, more organized, and reliable. Whether you need a single device to monitor your local office or a complete system to keep watch over a network of offices, Dickson offers a variety of services and product lines to best meet your needs.

With our VFC product bundles, the only choice you have to make is which data logger you'll be using. When you purchase the VFC version, it will come ready with our glycol thermistor sensor and a 1-Point NIST calibration.

# VFC PRODUCTS



TWE-VFC

DWE-VFC

DSB-VFC

| MODEL | BUNDLE INCLUDES | DICKSONONE-ENABLED | PRICE |
|---|---|---|---|
| DWE-VFC | BUNDLE INCLUDES THE DWE, RTHM, AND N100 | √ | $559 |
| DSB-VFC | BUNDLE INCLUDES THE DSB, RSO20, N100, AND SW05 | DICKSONWARE 2.0 INCLUDED | $399 |
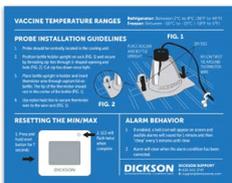
## VFC MAGNET

Designed for placement on vaccine refrigerators. Provides information about vaccine storage, probe installation, and device behavior.

A351

| MODEL | PRICE |
|---|---|
| A351 | $5 |
| A351-10 PACK | $42 |
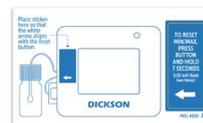
## RESET MIN/MAX STICKER

Provides instructions for resetting the min/max on the DWE, a device with a min/max reset button located on the side.

A350

| MODEL | PRICE |
|---|---|
| A350 | $4 |
| A350-10 PACK | $19 |

# COMPACT DATA LOGGER

*COMPATIBLE WITH DICKSONWARE 2.0 SOFTWARE*

Start/Stop functionality for the most precise data collection needs along with a digital display that provides current temperature and relative humidity readings. Perfect for mapping warehouses or large stability chambers.

- Standard software included
- Battery-powered
- Multi-colored LED indicator light
- Compact size, large digital display
- USB download

DBL

| MODEL | DESCRIPTION | ACCURACY | TEMPERATURE AND HUMIDITY RANGE | DATA CAPACITY | BATTERY LIFE | DIMENSIONS | PRICE |
|-------|-------------|----------|-------------------------------|---------------|--------------|------------|-------|
| DBL | STANDARD COMPACT DATA LOGGER | ±1.2°F ±3% RH | 0°F TO 131°F 5% TO 95% NON-CONDENSING | 500,000 | ~2 YEARS (ALKALINE AA) | 2.67 in x 2.16 in x 1.00 in | $153 |
| DBL-EX | EXTENDED COMPACT DATA LOGGER | ±1.2°F ±3% RH | -40°F TO 160°F 5% TO 95% NON-CONDENSING | 500,000 | ~5 YEARS (LI-ION) | 2.67 in x 2.16 in x 1.00 in | $174 |
| **QUANTITY PRICING AVAILABLE.** | | | | | | | |

# PRESSURE DATA LOGGER

*COMPATIBLE WITH DICKSONWARE 2.0 SOFTWARE*

Our most feature-rich pressure data loggers provide data retrieval without having to move the unit and the digital display provides current and min/max readings.

- IP68 resistant case
- 1-second sampling rate
- Delayed Start
- USB Connectivity

PR125/325/525

| MODEL | DESCRIPTION | RANGE | ACCURACY | AMBIENT OPERATING TEMPERATURE CONDITIONS | DATA CAPACITY | BATTERY LIFE | PRICE |
|-------|-------------|-------|----------|------------------------------------------|---------------|--------------|-------|
| PR125 | PRESSURE DATA LOGGER | 0-100 PSI | 1% | -4°F TO 158°F (-20°C TO 70°C) | 64,768 PTS | 6 MONTHS (5 MIN SAMPLE RATE) | $539 |
| PR325 | PRESSURE DATA LOGGER | 0-300 PSI | 1% | -4°F TO 158°F (-20°C TO 70°C) | 64,768 PTS | | $539 |
| PR525 | PRESSURE DATA LOGGER | 0-500 PSI | 1% | -4°F TO 158°F (-20°C TO 70°C) | 64,768 PTS | | $647 |

# VOLTAGE DATA LOGGER

*COMPATIBLE WITH DICKSONWARE SOFTWARE*

Record inputs from any 0-20 mA or 0-5V transmitter for pH, flow, fluid level, or any variable you choose.
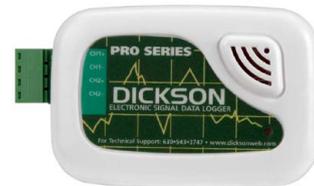
ES120

| MODEL | DESCRIPTION | AMBIENT OPERATING CONDITIONS | IP RATING | ACCURACY | DATA CAPACITY | BATTERY LIFE | PRICE |
|-------|-------------|------------------------------|-----------|----------|---------------|--------------|-------|
| ES120 | VOLTAGE DATA LOGGER | -40°F TO 176°F (-40°C TO 80°C) 0-95% RH (NON-CONDENSING) | IP20 | ±0.1 (RECORDER ONLY) | ~35,512 | 5 YEARS (AVG) | $285 |

## COBALT X™

*OCEAVIEW™ SOFTWARE REQUIRED*

**Bluetooth®**  **LoRaWAN™**

The Cobalt X™ supports up to 4 external sensors simultaneously to monitor your invaluable equipment. Readings are recorded and transmitted to the OCEAView™ remote-monitoring solution via LoRaWAN or Bluetooth® connectivity. It offers interactive touchscreen controls and highly visible alert indicators, with support for a wide variety of environmental sensors.

- Numerous wired and wireless sensors for monitoring critical environmental parameters (up to 4 at a time)
- Ideal for the life sciences sector, including labs, hospitals, storage facilities, and manufacturing
- Interactive touchscreen for fast access to setup, information, and alarm acknowledgement
- Fully integrated with OCEAView™ or on-premise monitoring solution with LoRaWAN or Bluetooth® wireless connectivity

| MODEL | DESCRIPTION | AMBIENT OPERATING TEMPERATURE CONDITIONS | BATTERY LIFE | DIMENSIONS | SENSORS | STARTING PRICE |
|---|---|---|---|---|---|---|
| ENR.CX2.P001 | COBALT X™ DATA LOGGER (WITHOUT SENSORS) | 0°C TO 50°C (32°F TO 122°F) 0 TO 90% RH (NON-CONDENSING); WITH OPTIONAL IP67 CASING: -30°C TO 50°C (-22°F TO 122°F) 0 TO 99.9% RH (NON-CONDENSING) | AT LEAST 1 YEAR | 4 x 4.4 x 1.2 in (100.8 x 110.8 x 29.6 mm) | UP TO 4 | CALL FOR QUOTE |
| | | ⚠ EXTERNAL SENSORS FOR THIS DEVICE ARE SOLD SEPARATELY | | | | |

## COBALT L3™

*OCEAVIEW™ SOFTWARE REQUIRED*

**LoRaWAN™**

With its button-controlled LCD display and LoRaWAN connectivity, the Cobalt L3™ efficiently monitors temperature and relative humidity for a wide range of sensitive assets including products, equipment, and storage facilities.

- Monitoring for temperature or temperature and humidity simultaneously
- Ideal for refrigerators, freezers, ULT freezers, nitrogen tanks, and incubators
- Internal and external sensors to meet your specific needs
- Low energy optimization for long battery life
- Fully integrated with OCEAView™ or on-premise monitoring solution via LoRaWAN

| MODEL | DESCRIPTION | AMBIENT OPERATING TEMPERATURE CONDITIONS | ACCURACY | DIMENSIONS | SENSORS | STARTING PRICE |
|---|---|---|---|---|---|---|
| ENR.L38.P007 ENR.L38.P007 | COBALT L3™ WITH INTERNAL TEMPERATURE SENSOR (868 OR 915 MHZ) | 32°F TO 122 °F (0°C TO 50°C) 0 TO 90% RH (NON-CONDENSING) | ±0.06°C TO 0.25°C | 8.1 x 1.3 x 2.5 in (208 x 34 x 64 mm) | 1 | CALL FOR QUOTE |
| ENR.L38.P006 ENR.L35.P006 | COBALT L3™ FOR USE WITH EXTERNAL SENSORS (868 OR 915 MHZ) | | SEE SENSOR | | 1 OR 2 | |
| ENR.L38.P008 ENR.L35.P008 | COBALT L3™ WITH IP67 CASE FOR USE WITH EXTERNAL SENSORS (868 OR 915 MHZ) | WITH OPTIONAL IP67 CASING: -22°F TO 122°F (-30°C TO 50°C) 0 TO 99.9% RH (NON-CONDENSING) | | | 1 OR 2 | |
| | | ⚠ EXTERNAL SENSORS FOR THIS DEVICE ARE SOLD SEPARATELY | | | | |

# COBALT™ SENSORS

*SEE DEVICE COLUMN FOR COMPATIBILITY*

| MODEL | DESCRIPTION | RANGE | ACCURACY | APPLICATIONS | DEVICE | PRICE |
|-------|-------------|-------|----------|--------------|--------|-------|
| SON.TPT.0009 | PT100 SMART-SENSOR | -100°C TO 200 °C | ±0.08°C TO 0.3°C | -80°C FREEZERS, INDUSTRIAL APPLICATIONS | COBALT X™ COBALT L3™ | |
| SON.TPT.0010 | PT100 SMART-SENSOR | -200°C TO 50°C | ±0.08°C TO 0.3°C | CRYOGENIC FREEZERS, LIQUID NITROGEN TANKS | COBALT X™ COBALT L3™ | |
| SON.HYG.0003 | TEMPERATURE AND RELATIVE HUMIDITY SMART-SENSOR | -40°C TO 100°C 0 TO 99.9% RH | ±0.3°C TO 0.5°C ±4% RH | STORAGE FACILITIES, STABILITY CHAMBERS | COBALT X™ COBALT L3™ | |
| SON.CO2.0009 | $CO_2$ , TEMPERATURE, AND RELATIVE HUMIDITY SMART-SENSOR | 0 TO 9.99% $CO_2$ 0°C TO 50°C 0 TO 99.9% RH | ±0.3% $CO_2$ 0.3 °C TO 0.5 °C ±4% RH | INCUBATORS | COBALT X™ | |
| SON.420.0001 | UNIVERSAL SMART-SENSOR (4-20 MA / 0-5 V / 0-10 V) | 4-20 MA, 0-5 V, OR 0-10 V | DEPENDS ON DEVICE | CURRENT LEVELS, INDUSTRY STANDARD EQUIPMENT WITH 4-20 MA, 0-5 V, OR 0-10 V OUTPUT | COBALT X™ | CALL FOR QUOTE |
| SON.PRE.0002 | SINGLE DIFF PRESSURE SMART-SENSOR | -500 TO 500 PA (-2 TO 2 IN H2O) | ± 4 PA* | LABORATORIES, PRESSURE DIFFERENCE BETWEEN "CLEAN" AND "DIRTY" AREAS | COBALT X™ | |
| SON.PRE.0003 | DUAL DIFF PRESSURE SMART-SENSOR | -500 TO 500 PA (-2.0 TO 2.0 IN H2O) | ± 4 PA* | LABORATORIES, PRESSURE DIFFERENCE BETWEEN "CLEAN" AND "DIRTY" AREAS | COBALT X™ | |
| SON.PRE.0004 | SINGLE DIFF PRESSURE SMART-SENSOR + ADDT'L BINDER CONNECTOR | -500 TO 500 PA (-2 TO 2 IN H2O) | ± 4 PA* | LABORATORIES, PRESSURE DIFFERENCE BETWEEN "CLEAN" AND "DIRTY" AREAS | COBALT X™ | |
| ACC.ENR.0045 ACC.ENR.0058 ACC.ENR.0059 | DRY CONTACT INPUT SENSOR CABLE (9.5, 11.5, OR 16.4 FT) | - | - | MONITORING DOOR OPENING-CLOSING, UNINTERRUPTABLE POWER SUPPLIES, AIR CONDITIONING UNITS, ULTRA-LOW TEMPERATURE FREEZERS | COBALT X™ | |
| SON.TNU.0001 SON.TNU.0002 SON.TNU.0003 | DIGITAL TEMPERATURE SENSOR CABLE (27, 100, OR 350 CM W/ CONNECTOR) | -40°C TO 80°C | ±0.06°C TO 0.25°C | REFRIGERATORS, COLD ROOMS, FREEZERS, OVENS, INCUBATORS; OPTIONAL TIP FOR MONITORING LEGIONELLA CONDITIONS | COBALT X™ COBALT L3™ | |
| SON.TNU.0005 SUBMERSIBLE: SON.TNU.0011 | DIGITAL TEMPERATURE SENSOR | -40°C TO 120°C | ±0.06°C TO 0.25°C | OVENS, INCUBATORS, WATER BATHS | COBALT X™ COBALT L3™ | |
| SON.TNU.0009 | DIGITAL TEMPERATURE SENSOR INSERTION PROBE | -40°C TO 120°C | ±0.06°C TO 0.25°C | FOOD PRODUCTS | COBALT X™ COBALT L3™ | |

# LORAWAN-ENABLED RECEIVERS

*COMPATIBLE WITH COBALT X™/COBALT L3™*

End-to-end connectivity for your OCEAView™ and LoRaWAN enabled data loggers, offering exceptionally long-range wireless communication, making it easy to deploy OCEAView™ across large sites.

- Collects and forwards data between LoRaWAN equipped data loggers and the OCEAView™ cloud or on-premise server
- Long LoRaWAN wireless range
- WiFi, Ethernet, or cellular Internet connectivity
- Two models to meet your needs and technical constraints

LoRaWAN™


LORAWAN PRO RECEIVER

LORAWAN ADVANCED RECEIVER

| MODEL | DESCRIPTION | CONNECTIVITY | OPERATING CONDITIONS | PRICE |
|-------|-------------|--------------|----------------------|-------|
| GSR.REC.8005 | LORAWAN ADVANCED RECEIVER (865/868 MHZ) | ETHERNET / WI-FI | -22°F TO 158°F (-30°C TO 70°C) 20 TO 90% RH (NON-CONDENSING) | CALL FOR QUOTE |
| GSR.REC.5005 | LORAWAN ADVANCED RECEIVER (915/923 MHZ) | ETHERNET / WI-FI | | |
| GSR.REC.8005 | LORAWAN ADVANCED RECEIVER (865/868 MHZ) | ETHERNET / WI-FI / 4G-LTE | | |
| GSR.REC.5008 | LORAWAN ADVANCED RECEIVER (915/923 MHZ) | ETHERNET / WI-FI / 4G-LTE | | |
| GSR.REC.8006 | LORAWAN ADVANCED RECEIVER (865/868 MHZ) | ETHERNET, OUTDOOR INSTALLATION | | |
| CONTACT US | LORAWAN PRO RECEIVER | ETHERNET-ONLY | 32°F TO 158°F (0°C TO 70°C) 20 TO 90% RH (NON-CONDENSING) | |
| CONTACT US | LORAWAN PRO RECEIVER | ETHERNET / 4G-LTE | | |
| **⚠ MULTIPLE ANTENNA OPTIONS AVAILABILE** | | | | |

# OCEABRIDGE™
# BLUETOOTH® RECEIVER

*COMPATIBLE WITH COBALT X/EMERALD™/ATLAS™*

OCEABridge™ enables configuration and data transfer for Dickson data loggers within Bluetooth LE wireless range. Data loggers are detected automatically, and sensor readings are forwarded to your OCEAView™ solution.

- Collects and forwards data between Bluetooth® equipped data loggers and OCEAView™
- Bluetooth® Low Energy technology

Bluetooth®


OCEABridge™ 3

| MODEL | DESCRIPTION | CONNECTIVITY | OPERATING CONDITIONS | PRICE |
|-------|-------------|--------------|----------------------|-------|
| GSR.REC.X001 | OCEABRIDGE™ 3 | ETHERNET CELLULAR DATA | 32°F TO 122°F (0°C TO 50°C) 0 TO 90% RH (NON-CONDENSING) | CALL FOR QUOTE |
| GSR.REC.XAU1 | OCEABRIDGE™ 3 (AUSTRALIA) | | | |
| GSR.REC.XEA1 | OCEABRIDGE™ 3 (EMEA/APAC) | | | |
| GSR.REC.XJA1 | OCEABRIDGE™ 3 (JAPAN) | | | |
| GSR.REC.XLA1 | OCEABRIDGE™ 3 (LATIN AMERICA) | | | |
| GSR.REC.XUS1 | OCEABRIDGE™ 3 (USA VERIZON) | | | |
| GSR.REC.XUS2 | OCEABRIDGE™ 3 (USA AT&T) | | | |

# VACCINE ALARM THERMOMETER

*NO SOFTWARE REQUIRED*

We recommend using the MM120 and MM125 as backup devices to data loggers that record temperature values over time. The FDA and CDC specifically recommend using data loggers with alarms to monitor vaccine storage.

MM120

MM125

| MODEL | DESCRIPTION | RANGE | ACCURACY | PRICE |
|-------|-------------|-------|----------|-------|
| MM120 | 1-PROBE VACCINE ALARM THERMOMETER | 50°F TO 122°F (-50°C TO 50°C) | ±1.8°F FROM 0°F TO 122°F (±1°C FROM -18°C TO 50°C) | $65 |
| MM125 | 2-PROBE VACCINE ALARM THERMOMETER | -58°F TO 122°F (-50°C TO 50°C) | ±1.8°F FROM 0°F TO 120°F ( ±1°C FROM -18°C TO 49°C) | $76 |

# INFRARED THERMOMETER

*NO SOFTWARE REQUIRED*

- Spot check temperatures from a safe distance and get temperature readings in hard to reach places.
- Lightweight, easy-grip design
- Offers MAX temperature display during scan

D182

D186

| MODEL | DESCRIPTION | EMISSIVITY | FIELD OF VIEW | RANGE | ACCURACY | PRICE |
|-------|-------------|------------|---------------|-------|----------|-------|
| D182 | NON-CONTACT INFRARED THERMOMETER | .1 TO 1.0 (ADJUSTABLE) | 12:1 | -58°F TO 986°F (-50°C TO 530°C) | ±2% OF READING OR 2°C, WHICHEVER IS GREATER | $85 |
| D186 | NON-CONTACT INFRARED THERMOMETER | .97 | 12:1 | -67°F TO 536°F (-55°C TO 280°C) | ±1°F FROM 32°F TO 150°F (±0.6°C FROM 0°C TO 66°C) | $172 |

# HANDHELD INDICATOR

*NO SOFTWARE REQUIRED*

Perfect for quick readings, these devices provide current temperature or temperature and humidity readings right at your fingertips. Simply stick your probe into the substance you want to monitor, and view its temperature on a jumbo touchscreen display.

- No-Slip Silicone Cover
- User Calibration
- Battery-powered
- Piercing K-Thermocouple probe with a coiled cord

TC700

TH700

| MODEL | DESCRIPTION | RANGE | ACCURACY | PRICE |
|-------|-------------|-------|----------|-------|
| TC700 | TOUCHSCREEN HANDHELD TEMPERATURE INDICATOR | -200°F TO 1999°F (-128°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F (±1°C FROM -30°C TO 50°C) | $323 |
| TH700 | TOUCHSCREEN HANDHELD TEMPERATURE AND HUMIDITY INDICATOR | -40°F TO 185°F (-40°C TO 85°C) 0 TO 95% RH (NON-CONDENSING) | ±0.8°F FROM 20°F TO 122°F (±0.45°C FROM -6°C TO 50°C) | $323 |

# REPLACEABLE SENSORS™

With Dickson's Replaceable Sensors™, you can recalibrate any compatible device on the fly without having to send in your device. Just order a newly calibrated sensor, receive it in the mail, and plug it into the unit in a motion that's as simple as swapping batteries in your television remote.

## THIRD GENERATION *COMPATIBLE WITH DSB, RFL, NEW 8" CHART RECORDERS*



RS010
RS050　　RS020　　RS021　　RS030　　RS031　　RS040

| MODEL | DESCRIPTION | RANGE | ACCURACY | PRICE |
|-------|-------------|-------|----------|-------|
| RS010 | AMBIENT TEMPERATURE AND HUMIDITY SENSOR | -40°F TO 185°F (-40°C TO 85°C) | ±0.8°F FROM 20°F TO 120°F 1.2°F (±0.44°C FROM -40° TO 85°C 0.66°C) ±2°RH FROM 5° TO 95°RH | $119 |
| RS020 | SINGLE TEMPERATURE THERMISTOR WITH BUFFER | -58°F TO 158°F (-50°F TO 70°C) | ±0.9°F FROM -58°F TO 68°F (±0.5°C FROM -50° TO 20°C) | $110 |
| RS021 | DUAL TEMPERATURE THERMISTOR WITH BUFFER | -58°F TO 158°F (-50°C TO 70°C) | ±0.9°F FROM -58°F TO 68°F (±0.5°C FROM -50°C TO 20°C) | $129 |
| RS030 | SINGLE K-THERMOCOUPLE TEMPERATURE SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F 3.8°F (±1°C FROM -30°C TO 50°C 2.1°C) | $110 |
| RS031 | DUAL K-THERMOCOUPLE TEMPERATURE SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F 3.8°F (±1°C FROM -30°C TO 50°C 2.1°C) | $129 |
| RS040 | PLATINUM RTD TEMPERATURE SENSOR | -148F° TO 350°F (-100°C TO 176°C) | ±0.5°F FROM -148°F TO 350°F (±0.3°C FROM -100°C TO 176°C) | $225 |
| RS050 | AMBIENT TEMPERATURE SENSOR | -22°F TO 122°F (-30C° TO 50°C) | ±1.2°F FROM 20°F TO 122°F (±1°C FROM -30°C TO 50°C) | $110 |

# SECOND GENERATION *COMPATIBLE WITH DWE, TWE, TWP, TSB*



RKTC  RKTC2  RTHM  RTHM2  RTMP-R/ RTRH-R  RRTD  RS080 RS081

| MODEL | DESCRIPTION | RANGE | ACCURACY | PRICE |
|-------|-------------|-------|----------|-------|
| RKTC | SINGLE K-THERMOCOUPLE TEMPERATURE SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F (±1C FROM -30C TO 50C) | $110 |
| RKTC2 | DUAL K-THERMOCOUPLE TEMPERATURE SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F (±1°C FROM -30°C TO 50°C) | $129 |
| RTHM | SINGLE GLYCOL THERMISTOR SENSOR | -58°F TO 158°F (-50°C TO 70°C) | ±0.9°F FROM -58°F TO 68°F (±0.5°C FROM -58°C TO 20°C) | $110 |
| RTHM2 | DUAL GLYCOL THERMISTOR SENSOR | -58°F TO 158°F (-50°C TO 70°C) | ±0.9°F FROM -58°F TO 68°F (±0.5°C FROM -58°C TO 20°C) | $129 |
| RTMP | TEMPERATURE SENSOR | -22°F TO 122°F (-30°C TO 50°C) | ±1.2°F FROM 20°F TO 122°F (±0.7C FROM -7°C TO 50°C) | $110 |
| RTMP-R | RIGHT ANGLE TEMPERATURE SENSOR | -22°F TO 122°F (-30°C TO 50°C) | ±1.2°F FROM 20°F TO 122°F (±0.7C FROM -7°C TO 50°C) | $110 |
| RTRH | TEMPERATURE AND HUMIDITY SENSOR | -40°F TO 185°F (-40°C TO 85°C) | ±0.8°F FROM 20°F TO 122°F (±0.4°C FROM -6.7°C TO 50°C) ±-2% RH FROM 5% TO 95% RH | $119 |
| RTRH-R | RIGHT ANGLE TEMPERATURE & HUMIDITY SENSOR | -40°F TO 185°F (-40°C TO 85°C) | ±0.8°F FROM 20°F TO 122°F (±0.4°C FROM -6.7°C TO 50°C) ±-2% RH FROM 5% TO 95% RH | $119 |
| RRTD | PLATINUM TEMPERATURE SENSOR (6FT CABLE) | -148°F TO 350°F (-100°C TO 176°C) | ±0.5°F FROM -148°F TO 350°F (±0.3°C FROM -100°C TO 176°C) | $225 |
| RS080 | DIFFERENTIAL PRESSURE SENSOR (2") | ± 2 INCHES $H_2O$ | ±3% FROM -2 TO 2 INCHES H20 | $149 |
| RS081 | DIFFERENTIAL PRESSURE SENSOR (0.5") | ± 0.5 INCHES $H_2O$ | ±3% FROM 0.5 TO 0.5 INCHES H20 | $149 |

# FIRST GENERATION *COMPATIBLE WITH LEGACY CHART RECORDERS*



R200 R300  R250  R400  R500  R600  R700  R800

| MODEL | DESCRIPTION | RANGE | ACCURACY | PRICE |
|-------|-------------|-------|----------|-------|
| R200 | AMBIENT TEMPERATURE & HUMIDITY SENSOR – RIGHT ANGLE | -40°F TO 185°F (-40°C TO 85°C) | ±0.8°F FROM 20°F TO 122°F 1.8°F (±0.4°C FROM -6.7°C TO 50°C 1°C) ±2% RH FROM 5% TO 95% RH | $119 |
| R250 | AMBIENT TEMPERATURE & HUMIDITY SENSOR | -40° TO 185°F (-40°C TO 85°C) | ±0.8°F FROM 20°F TO 122°F 1.8°F (±0.4°C FROM -6.7°C TO 50°C 1°C) ±2% RH FROM 5% TO 95% RH | $119 |
| R300 | AMBIENT TEMPERATURE SENSOR – RIGHT ANGLE | -148°F TO 350°F (-100°C TO 176°C) | ±1.2°F FROM 20° TO 122°F (±1°C FROM -30°C TO 50°C) | $110 |
| R400 | SINGLE K-THERMOCOUPLE TEMPERATURE  SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F (±1°C FROM -30°C TO 50°C) | $110 |
| R500 | SINGLE TEMPERATURE THERMISTOR WITH BUFFER | -58°F TO 160°F (-50°C TO 71°C) | ±0.9°F FROM -58°F TO 68°F (±0.5°C FROM -58°C TO 20°C) | $110 |
| R600 | PLATINUM RTD TEMPERATURE SENSOR | -148°F TO 350°F (-100°C TO 176°C) | ±0.5°F FROM -148°F TO 350°F (±0.3°C FROM -100°C TO 176°C) | $229 |
| R700 | DUAL K-THERMOCOUPLE TEMPERATURE SENSOR | -300°F TO 2000°F (-184°C TO 1093°C) | ±1.8°F FROM -22°F TO 122°F (±1°C FROM -30°C TO 50°C) | $129 |
| R800 | DUAL TEMPERATURE THERMISTOR WITH BUFFER | -58°F TO 160°F (-50°C TO 71°C) | ±1.2°F FROM 69°F TO 122°F (±0.7°C FROM 21°C TO 70°C) | $129 |