OCEAView™

Monitoring + Traceability + Alerts

Life Sciences

Agri-food

Transport
& Logistics

2022/23

One less thing to worry about

DICKSON
Environmental Monitoring + Compliance Experts

Life Sciences

Pharmaceutical companies,

laboratories,

health/hospitals,

manufacturing,

warehouses...

Agri-food

Perishable goods,

distribution,

delivery,

storage...

Transport & Logistics

Cold-chain,

shipping,

courier services...

COLD ROOMS CLEANROOMS
WATER BATHS OVENS
FREEZERS PACKAGES
DELIVERIES REFRIGERATORS AUTOCLAVES
NITROGEN TANKS INCUBATORS
COLD CHAIN

■ Monitor with confidence

When you need to ensure the integrity of sensitive products, research, and storage facilities that rely on specific and consistent ambient conditions, we know you have a lot on your mind.

Dickson's advanced environmental monitoring solution helps you stay informed about critical parameters and gives you one less thing to worry about.

Stationary monitoring   **In-transit monitoring**

OCEAView provides remote monitoring, data traceability, and alert notification with Dickson's innovative wireless sensors and a web platform to protect your most critical products and environments.

Obviously, OCEAView is compliant with the most stringent regulations, including the FDA 21 CFR Part 11 guidelines.

Ensure the integrity of your sensitive products, research, and storage facilities.

OCEAView is a complete solution to protect your peace of mind.

■ End-to-end expertise

Data loggers

Sensors

0-10V LIGHT
DRY CONTACT
TEMPERATURE
0-5V DIFFERENTIAL PRESSURE
HUMIDITY
CO_2 4-20мA

Gateways

Services

Cloud or local

Alerts

Web & mobile applications

■ The 3 key pillars

Monitoring
- Complete range of sensors and calibration services
- Advanced wireless connectivity
- Continuous data reading, collection, and transfer
- Visual dashboards and system overview

Traceability
- Auditable and non-modifiable system log
- Downloadable graphs, sensor data, and device information
- Compliant with GxP and FDA 21 CFR Part 11 guidelines
- Automated reports

Alerts
- Up to 3 high and 3 low alarm levels per measurement point
- E-mail, SMS/text, and voice call
- Technical alarms for sensors, data loggers, and gateways
- Wireless siren and dry contact controller alert devices

LoRaWAN data loggers *(long-range)*

Cobalt X
Universal data logger
Temperature, humidity, CO₂, 4-20 mA, 0-5/10 V, dry contact, differential pressure, light

Color touch-screen
(works with gloves)

On-screen alarm acknowledgment

On-board alarm management

Battery or AC power

Flashing lights + buzzer
(in case of alarm)

Up to 4 external sensors

ℹ *Cobalt X also features Bluetooth connectivity*

DICKSON

Refrigerator 6
+5.3℃
+2.0   +8.3

Humidity
8.5%RH

COBALT X

Cobalt L3
Ideal for warehouse monitoring

DICKSON

COBALT
23.2℃

L3

Temperature & humidity sensors
(internal or external)

On-board alarm management

Cobalt ML3
Robust for transport

DICKSON
3.4℃
COBALT ML3

Temperature sensor
(internal or external)

LoRaWAN™

Solution architecture

LoRaWAN™

Internet

Bluetooth®

4G/5G
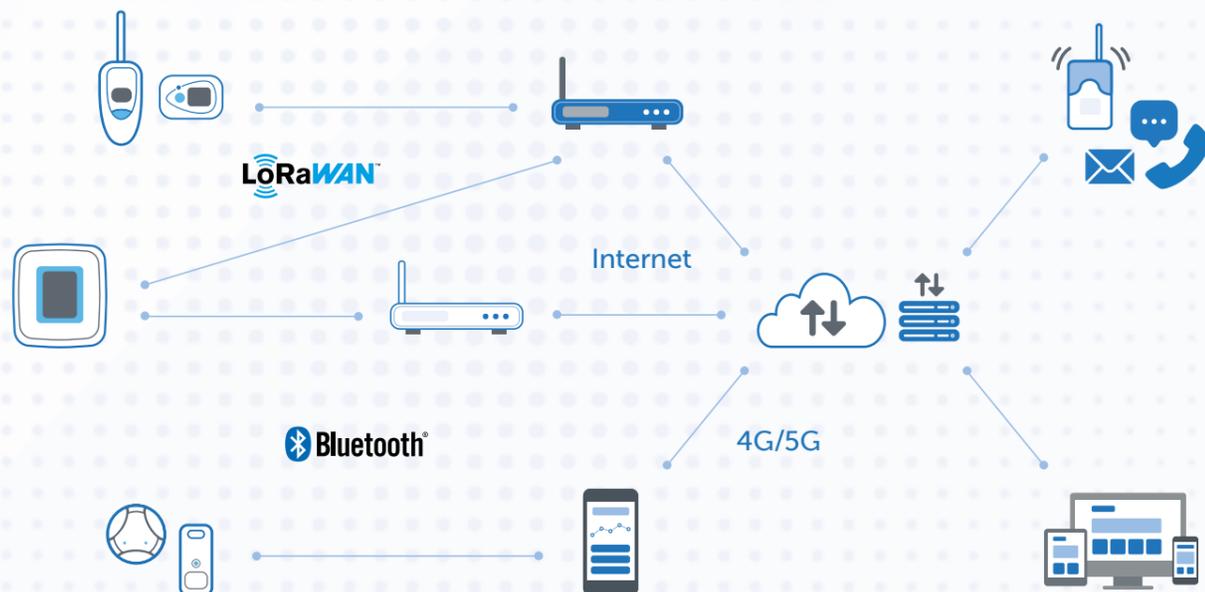
Bluetooth data loggers

Atlas
Light footprint for packaging

Bluetooth
SMART

ATLAS
DICKSON

Temperature, humidity & light sensors
(internal)

Emerald
Small and robust for transport

DICKSON
EMERALD

On-board alarm management

Temperature sensor
(internal or external)

ℹ *Atlas and Emerald can be used either as standalone data loggers or as remote sensors paired with Cobalt X*

About Dickson

Dickson designs, calibrates, and markets intelligent and connected sensors to monitor physical parameters such as temperature, humidity, CO_2 levels, and differential pressure for life science, agri-food, transport, and logistics markets.

Certified ISO 9001:2015, the company offers a complete vertical solution – from sensors to information system – mastering sensors and calibration, wireless connectivity, and development of web platforms and mobile applications.

For over 100 years, we have striven to build an international reputation as a provider of high-quality monitoring solutions for demanding professionals.

Data logger overview

Data loggers		Cobalt X2	Cobalt X1	Cobalt L3	Cobalt ML3	Emerald	Atlas
Main features	Max. measurement points	4	2	2	1	1	3
	Total memory (readings)	16,000	8,000	8,000	4,000	16,000	16,000
	Screen	LCD color touchscreen	LCD color touchscreen	LCD display	LCD display	None	None
	On-board alarm management	✔	✔	✔	✔	✔	✔
	On-screen acknowledgement	✔	✔				
Other	IP rating	30	30	64	65	44	30
	IP67 casing option	✔	✔	✔	✔		
	Replaceable battery(ies)	✔	✔	✔	✔	✔	
	AC adapter (optional)	✔	✔				
Sensors	Temperature	✔	✔	✔	✔	✔	✔
	Relative Humidity	✔	✔	✔			✔
	CO_2	✔	✔				
	Differential Pressure	✔	✔				
	4-20 mA, 0-5V, 0-10V	✔	✔				
	Dry Contact	✔	✔				
	Light	✔	✔				✔
Wireless	LoRaWAN®	✔	✔	✔	✔		
	Bluetooth®	✔	✔			✔	✔
	NFC					✔	✔

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