OCEAView™

Monitoring + Traceability + Alerts

Life Sciences

Agri-food

Transport
& Logistics

One less thing to worry about
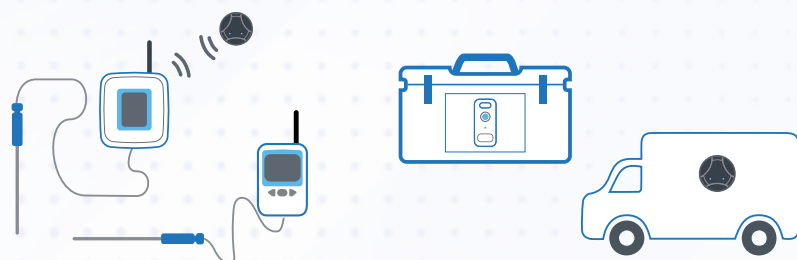
DICKSON
Environmental Monitoring + Compliance Experts

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

■ 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.
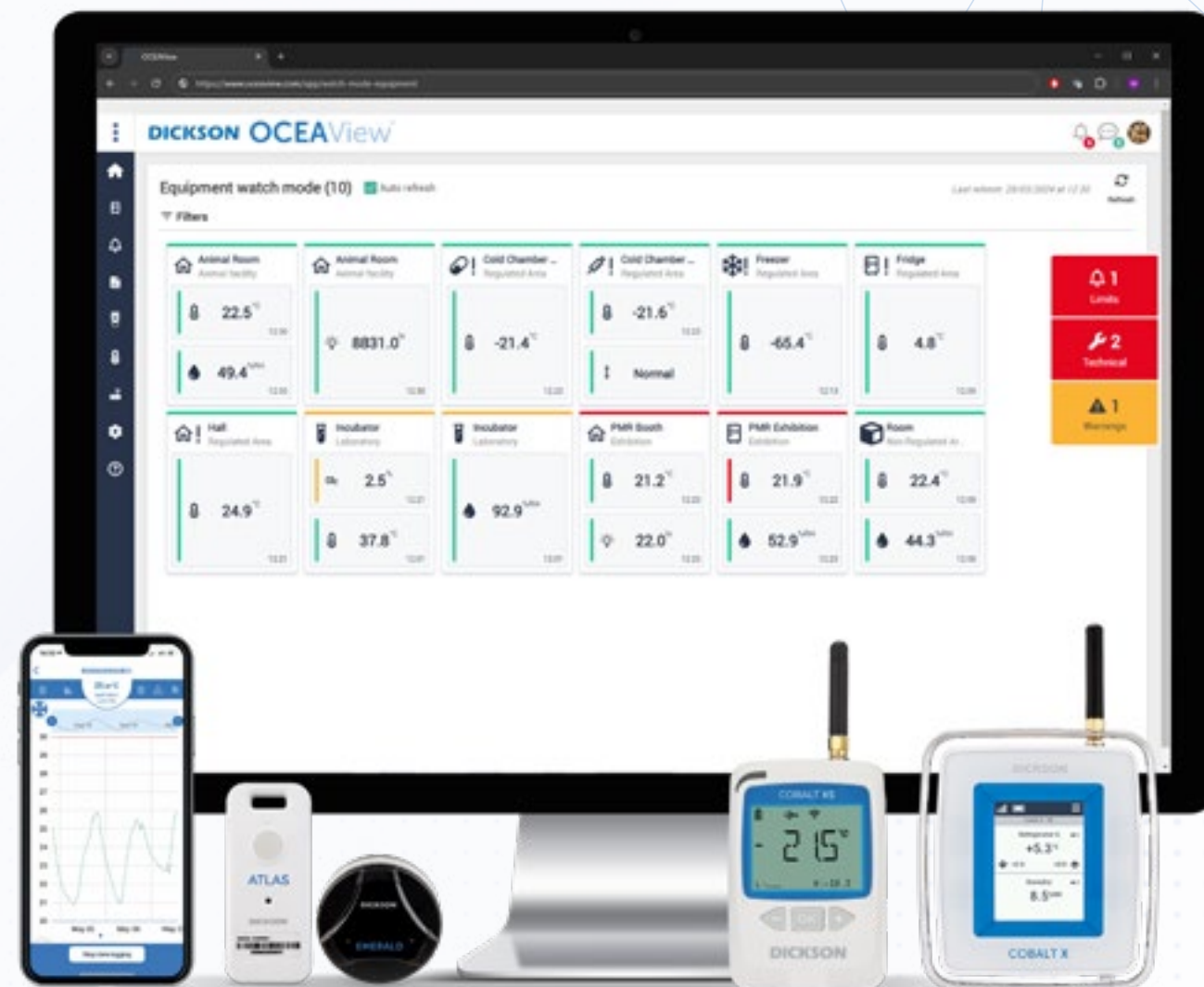
Stationary monitoring   **In-transit monitoring**

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.

Of course, 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 for protecting your peace of mind.

■ 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, 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
- LoRa alert siren and LoRa alert relay devices

LIGHT CO₂ HUMIDITY
DRY CONTACT
0-5V TEMPERATURE
DIFFERENTIAL PRESSURE
0-10V 4-20mA

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

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Cobalt X - 00
Refrigerator 6
+5.3°C
+2.0   +8.0
Humidity
8.5%RH

COBALT X

Flashing lights + buzzer
(in case of alarm)

Up to 4 external sensors

Battery or AC power

ⓘ *Cobalt X also features Bluetooth connectivity*

Cobalt XS
The essential data logger
Temperature and humidity

LoRa wireless connectivity

Flashing alarm light

Large LCD screen

COBALT XS

21.5°C

L   Hi 18.3

OK

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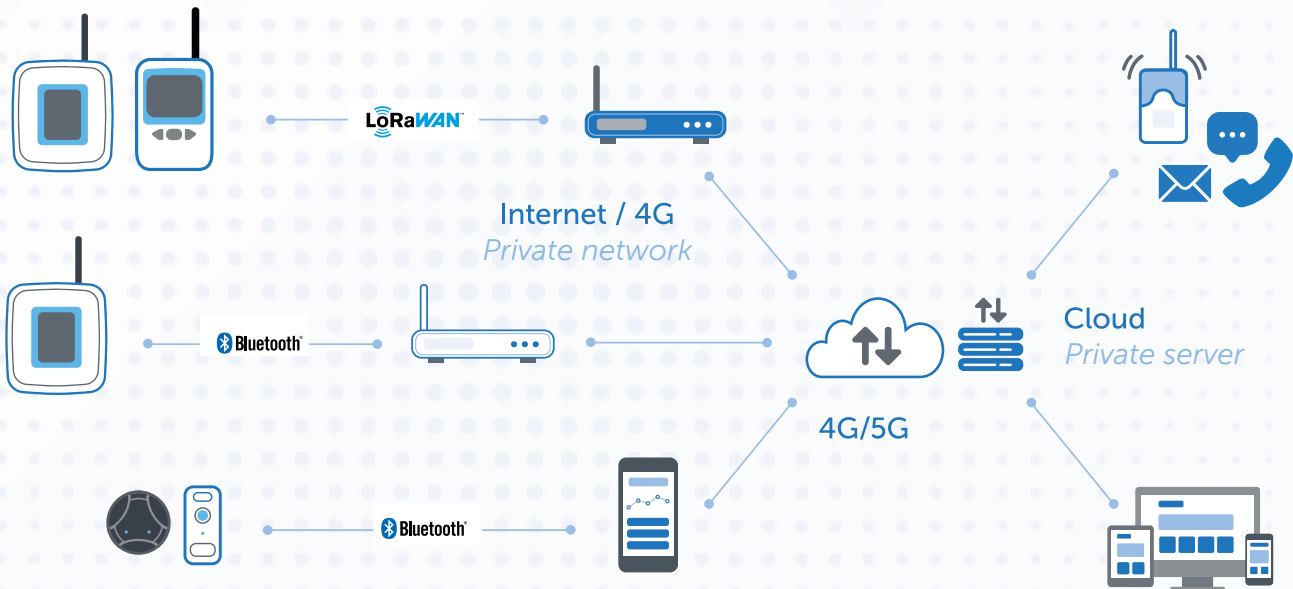
Screen on/off button

Button controlled interface

Plug for 1 external probe
(supports single and dual sensor models)

LoRaWAN

Solution architecture

LoRaWAN

Internet / 4G
Private network

4G/5G

Cloud
Private server

Bluetooth

Bluetooth

Bluetooth data loggers

Atlas
Light footprint for packaging

Emerald
Small and robust for transport

Bluetooth SMART

ATLAS
DICKSON

DICKSON
EMERALD

Temperature, humidity & light sensors
(internal)

On-board alarm management

Temperature sensor
(internal or external)

ⓘ *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 loggers		Cobalt X2™	Cobalt X1™	Cobalt XS™	Emerald™	Atlas™
Main features	Max. measurement points	4 (2 Binder connectors)	2 (1 Binder connector)	2 (1 Binder connector)	1	3
	Total memory *(readings)*	16,000	8,000	8,000	16,000	16,000
	Screen	LCD color touchscreen	LCD color touchscreen	LCD	None	None
	On-board alarm detection	✓	✓	✓	✓	✓
	On-screen alarm acknowledgement	✓	✓			
Other	IP rating	30	30	30	44	30
	IP67 casing option	✓	✓	✓		
	Replaceable battery(ies)	✓	✓	✓	✓	
	AC adapter *(optional)*	✓	✓			
Sensors	Temperature	✓	✓	✓	✓	✓
	Relative humidity	✓	✓	✓		✓
	CO₂	✓	✓			
	Differential pressure	✓	✓			
	4-20 mA, 0-5 V, 0-10 V	✓	✓			
	Dry contact	✓	✓			
	Light	✓	✓			✓
Wireless	LoRaWAN®	✓	✓	✓		
	Bluetooth®	✓	✓	✓	✓	✓

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