

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

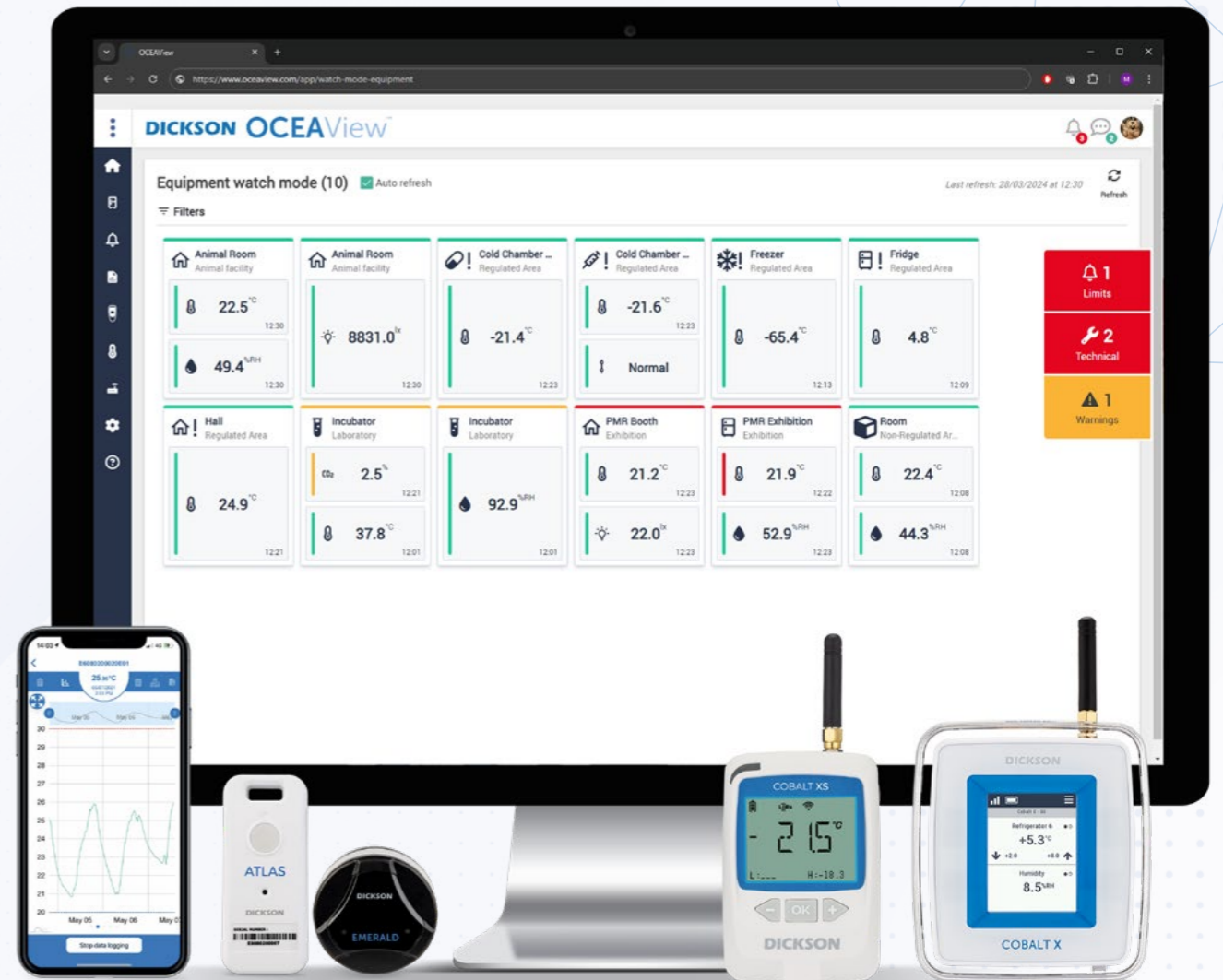
In-transit monitoring

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

Life Sciences
 Pharmaceutical companies,
 laboratories,
 health/hospitals,
 manufacturing,
 warehouses...

Agri-food
 Perishable goods,
 distribution,
 delivery,
 storage...

Transport & Logistics
 Cold-chain,
 shipping,
 courier services...

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-board alarm management

Flashing lights + buzzer
(in case of alarm)

Up to 4 external sensors



On-screen alarm acknowledgment

Battery or AC power

i Cobalt X also features Bluetooth connectivity

Cobalt XS

The essential data logger

Temperature and humidity

Flashing alarm light

Large LCD screen



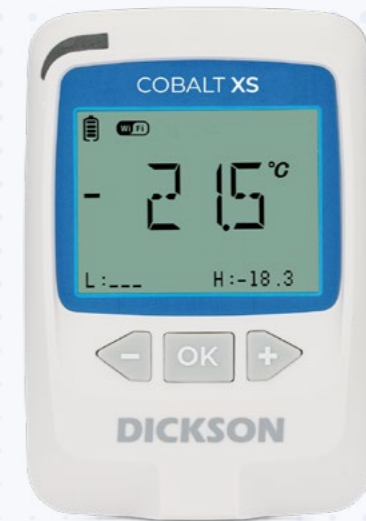
Cobalt XS Wi-Fi

Wi-Fi Power with OCEAView

Temperature, humidity, CO₂, Dry Contact 4-20mA

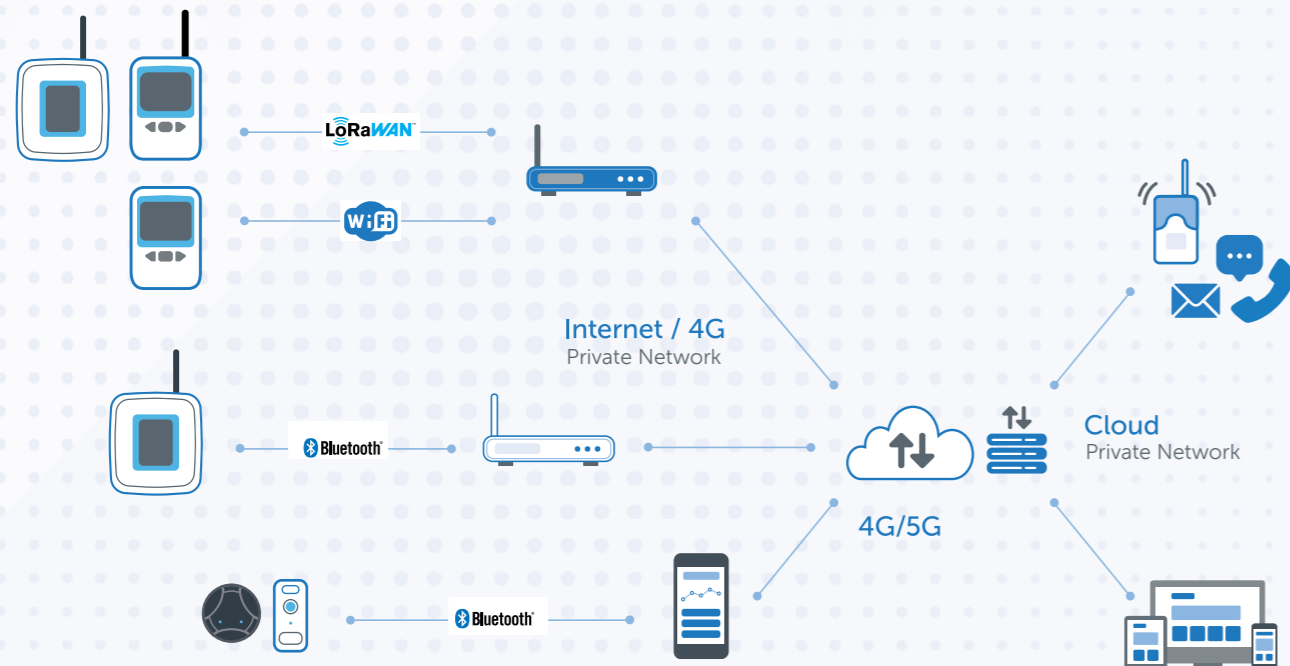
Button controlled interface

Screen on/off button



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

Solution architecture



Bluetooth data loggers

Atlas

Light footprint for packaging

Temperature, humidity & light sensors
(internal)

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



Emerald

Small and robust for transport



On-board alarm management



Temperature sensor
(internal or external)

About Dickson

Dickson designs, calibrates, and markets intelligent and connected sensors to monitor physical parameters such as temperature, humidity, CO₂ 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.

		Cobalt X2™	Cobalt X1™	Cobalt XS™	Emerald™	Atlas™
Data loggers						
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 or 32,000 (Wi-Fi)	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	✓	✓	✓		✓
	CO ₂	✓	✓			
	Differential pressure	✓	✓			
	4-20 mA, 0-5 V, 0-10 V	✓	✓			
	Dry contact	✓	✓			
	Light	✓	✓			✓
Wireless	LoRaWAN®	✓	✓	✓		
	Bluetooth®	✓	✓	✓	✓	✓
	Wi-Fi			✓		