

OCEAViewTM

Monitoring + Traceability + Alerts

Life Sciences

Agri-food

Transport
& Logistics

2024

One less thing to worry about

DICKSON
Environmental Monitoring + Compliance Experts

SL Process Measurement Pte Ltd

+6011 55524838

sl@slmeasurement.my

slmeasurement.my

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

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

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

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.



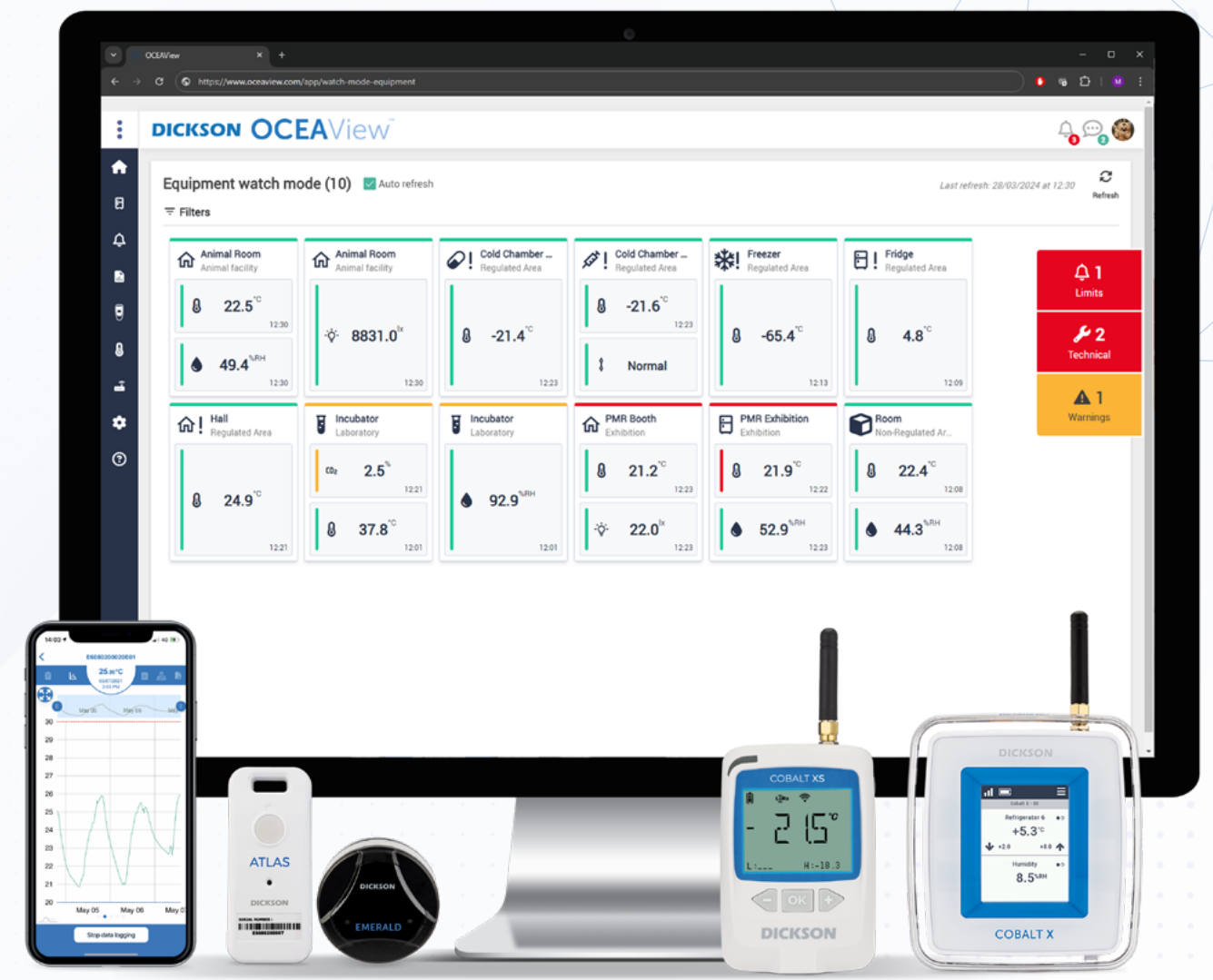
Stationary monitoring In-transit monitoring

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
0-5V TEMPERATURE DRY CONTACT
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-board alarm
management

Flashing lights + buzzer
(in case of alarm)

Up to 4 external
sensors



On-screen alarm
acknowledgment

Battery or
AC power

*Cobalt X also
features Bluetooth
connectivity*



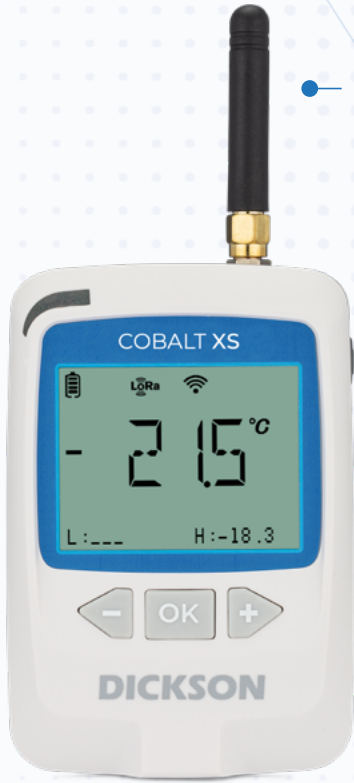
Cobalt XS

The essential data logger

Temperature and humidity

Flashing
alarm light

Large LCD
screen



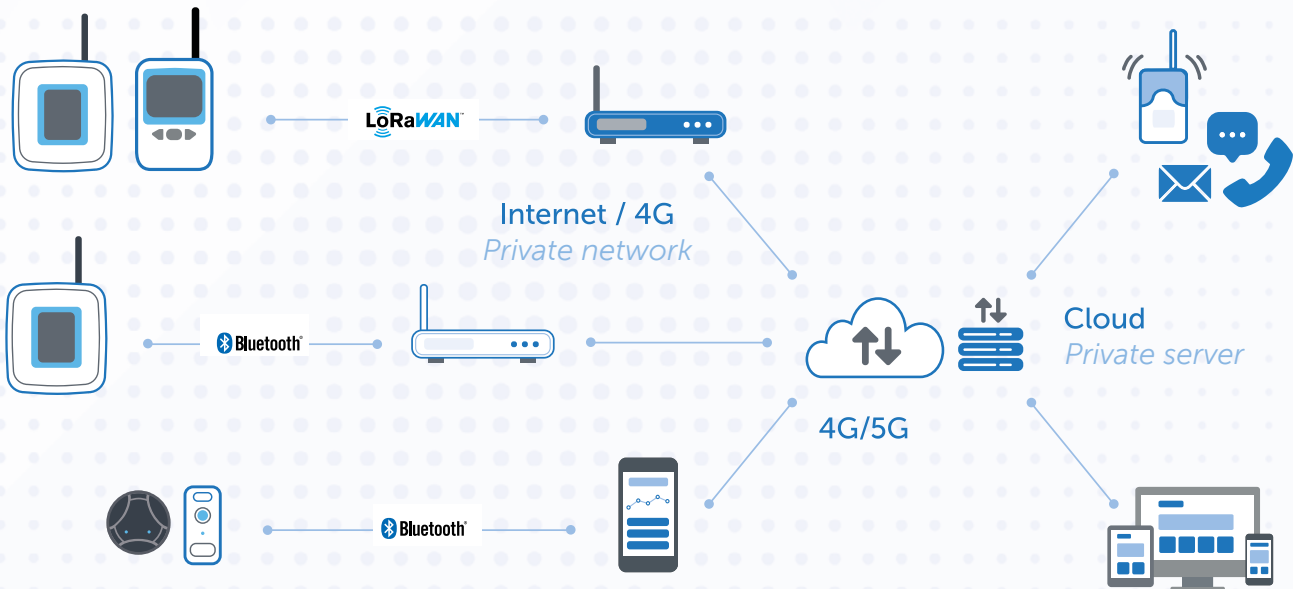
Plug for 1 external probe
(supports single and dual
sensor models)

LoRa wireless
connectivity

Screen
on/off button

Button
controlled
interface

Solution architecture



Atlas

Light footprint
for packaging

Temperature, humidity
& light sensors
(internal)

*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

Bluetooth
SMART

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.

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	✓	✓	✓		✓
	CO ₂	✓	✓			
	Differential pressure	✓	✓			
	4-20 mA, 0-5 V, 0-10 V	✓	✓			
	Dry contact	✓	✓			
	Light	✓	✓			✓
Wireless	LoRaWAN®	✓	✓	✓		
	Bluetooth®	✓	✓	✓	✓	✓

DICKSON
Environmental Monitoring + Compliance Experts

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■ Dickson Europe
Montpellier - France
+33 4 99 13 67 30
contact@dicksondata.fr

■ Dickson North America
Addison, IL - USA
+1 (630) 543-3747
support@dicksondata.com

■ Dickson Asia
Petaling Jaya - Malaysia
+603 749 40758
contact@dicksondata.my