Oceasoft™

ATLAS

Oceasoft™

SERIAL NUMBER :
E20402000XX

Atlas

Compact
Bluetooth®
data logger for
temperature
monitoring
on the go

PROTECTING SENSITIVE PRODUCTS OVER THE GLOBAL SUPPLY CHAIN

The OCEASOFT Atlas Bluetooth®-enabled data logger matches the needs of supply chain stakeholders for continuous monitoring in close proximity to products. Atlas enables end-to-end traceability, monitoring temperature (-30°C to +70°C / -22°F to +158°F) for sensitive products from their point of origin to their final destination, even all the way to patients or end-consumers.

With its compact footprint, Atlas fits inside most product boxes to accurately monitor important ambient conditions closely. You can create custom data logging settings easily with the OCEAView mobile application, and choose from several startup modes to start data logging at the right time.

Bluetooth® wireless technology makes it easy to retrieve data using a smartphone or tablet without having to open packaging, thus reducing risks of temperature excursions and human error. Atlas stores up to 16,000 readings in internal memory, or you can benefit from unlimited storage on the OCEASOFT Cloud platform. Data stored on the Cloud can be accessed 24/7 via a web application on your computer, smartphone, or tablet. Alerts are sent by e-mail to enable fast response if problems are detected.

OCEASOFT's process automation tools make Atlas ideal for your high-volume scenarios. Integrated into your production or preparation phase, our loading bench sets up module missions in just 2 seconds via NFC (Near Field Communication). The OCEABridge receiver uses Bluetooth® to collect data from nearby Atlas data loggers, wirelessly and automatically.

- • DO 160 compliant, GxP, developed according to FDA 21 CFR Part 11 requirements
- • Simple and compact
- • Easy and secure access to data on the Cloud
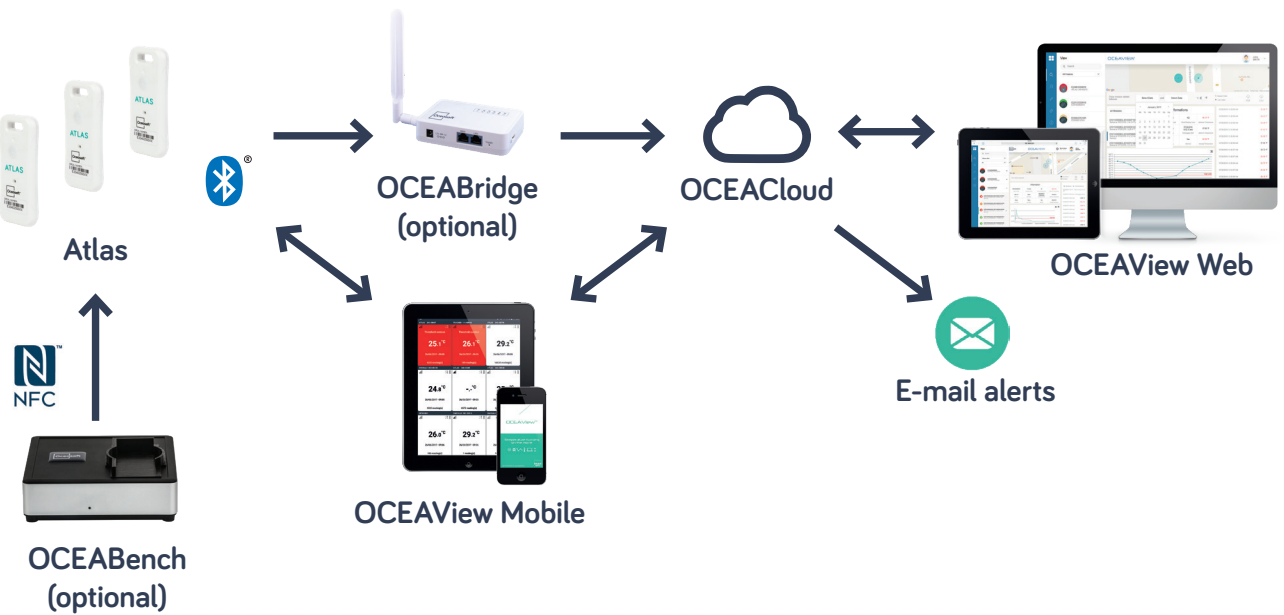- • Optimization of processes and operating costs

Bluetooth® SMART

ATLAS TECHNICAL FEATURES

Monitoring applications	Transport & logistics
Connectivity	Bluetooth® Smart 5.0 wireless technology • LOS range up to 50 meters (depending on the environment) • NFC for fast and automated wireless programming with OCEABench
Sensors	**Module with internal sensor:** -30°C to +70°C (-22°F to +158°F) • Resolution: 0.01°C • Accuracy: ± 0.5°C • Expanded uncertainty (after calibration): ± 0.05°C to 0.25°C *Atlas modules are recognized as wireless sensors by Cobalt X-series data loggers*
Calibration	ISO/IEC 17025 (COFRAC) accredited laboratory • OCEASOFT certified • NIST traceable
Monitoring software	OCEAView Mobile for iOS & Android (free on platform app stores) for configuration, data collection, monitoring, reports, geolocation, firmware updates • OCEAView Web (no subscription required) for online monitoring and reports
Companion tools	OCEABridge automated wireless data collection • OCEABench wireless programming bench
Battery	Lithium • Duration at least 1 year (depending on configuration and operating conditions)* • Non-replaceable
Memory capacity	16, 000 readings (4 weeks of data with reading interval of 10 minutes) • Unlimited storage on OCEAView Web
Alarms & alerts	Configurable read interval (15 secs. to 4 hrs.) • Alarm indication on module • Real-time alert with OCEAView Mobile in Watch Mode • Alerts sent by e-mail automatically when alarms detected by OCEAView Web platform
Operating conditions	-30°C to +70°C (-22°F to +158°F) • 0 to 90% relative humidity non-condensing
Casing	Protection index: IP30 • ABS • Adhesive backing
Dimensions	Dimensions: 81 x 43 x 8 mm (3.2 x 1.4 x 0.3 in) • 24 g (0.85 oz.)
Compliance & Certifications	DO-160 standard compliant (Environmental Conditions and Test Procedures for Airborne Equipment) • Bluetooth®: QD ID 81876 • Europe CE: EN 60950-1 2011-01 3.1; EN 301 489-17 V2.2.1 3.1; EN 300 328 V1.8.1 3.2 • Japan: MIC ID: 210-106799 • New Zealand • Australia • North America: FCC ID: 2AA9B04, IC ID: 12208A-04

cofrac

ACCREDITATION
COFRAC
N° 2-1987
COVERAGE
AVAILABLE ON
www.cofrac.fr

ETALONNAGE

* Battery life depends on configuration and ambient temperature (example: expected operation of 440 days at 0°C, with 1 reading per minute).

ATLAS SOLUTION OVERVIEW

Atlas

NFC

OCEABench
(optional)

OCEABridge
(optional)

OCEACloud

OCEAView Mobile

E-mail alerts

OCEAView Web

Oceasoft™

DATA SHEET