



Atlas

Compact Bluetooth® data logger for temperature monitoring & more on the go

PROTECTING SENSITIVE PRODUCTS OVER THE GLOBAL SUPPLY CHAIN

The latest generation of OCEASOFT's 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) and other parameters (shock, tipping, pressure, and light)* 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 missions quickly 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, 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



GENERAL FEATURES

Connectivity

- › Bluetooth® 4.2 technology: range up to 50 m (160 ft.)
- › Bluetooth® 5.0 Ready
- › NFC (Near Field Communication)*: up to 4 cm (1.5 in.)

Sensors

- › Temperature range: -30°C to +70°C / -22°F to +158°F (resolution: 0.01)
- › Other parameters (optional)*: shock (16G), tipping, pressure, light
- › Sensor calibration by the OCEASOFT laboratory: ISO/IEC 17025 (COFRAC) accredited, OCEASOFT certified, or NIST-traceable

Data management

- › Internal memory: up to 16,000 readings / OCEACloud storage: unlimited
- › OCEAView web and mobile applications
- › Automated data collection with OCEABridge
- › Reports generated in CSV and PDF formats
- › Temperature display in °C and °F
- › Geolocation via smartphone GPS

Alarm and alert management

- › Real-time view of alarms on the module and OCEAView mobile application
- › Alerts sent by e-mail automatically when alarms detected by Cloud platform

SPECIFICATIONS

Module dimensions

- › Length: 81 mm (3.2 in.)
- › Width: 43.4 mm (1.4 in.)
- › Thickness: 8.2 mm (0.3 in.)
- › Weight: 26.2 g (0.92 oz.)

Casing

- › ABS plastic
- › Protection index: IP30

Operating conditions

- › -30°C to +70°C / -22°F to +158°F

Mounting and installation

- › Adhesive backing

BATTERY

- › Li Manganese dioxide / Organic electrolyte
- › Estimated battery life: 1 year**

COMPLIANCE & CERTIFICATIONS

DO 160

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

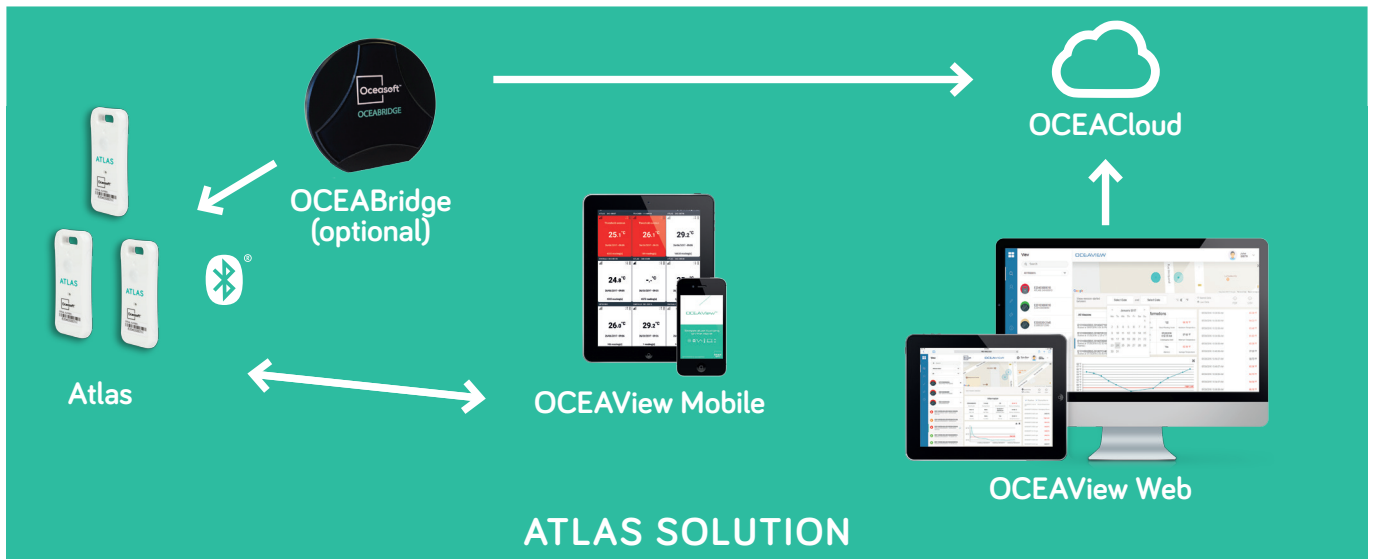
New Zealand

Australia

North America

- › FCC ID: 2AA9B04
- › IC ID: 12208A-04

* Coming soon
** Depending on use



OCEASOFT S.A.
720 Rue Louis Léprie
34000 Montpellier - FRANCE
Tel: +33 (0) 4 99 13 67 30
Fax: +33 (0)4 67 42 84 13

OCEASOFT Inc.
250 Phillips Blvd. - Suite 290
Ewing, NJ 08618 - USA
Tel: 1-609-589-1668
Fax: 1-609-589-1669

www.oceasoft.com

contact@oceasoft.com



© 2017 OCEASOFT S.A.
All rights reserved. Emerald, OCEAView and OCEACloud are commercial brands of OCEASOFT®. All other brands and trademarks mentioned in this document are the exclusive property of their respective owners. Specifications are subject to change without notice.