

# ECOMBOX

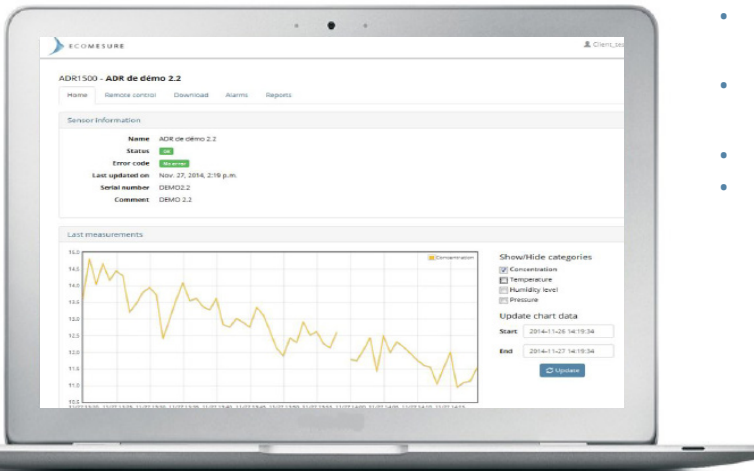
## UNIVERSAL COMMUNICATION GATEWAY



EcomBox is an IoT gateway that allows you to connect all kind of measuring instruments to the web platform <https://i-comesure.com> for remote monitoring, maintenance and data management in real-time.

Access to multiple services :

- Data visualization in real-time (dashboard, graphs)
- Remote control of devices
- Data history and data downloading (xls., csv., FTP transfer, API link, export database)
- Alerts/alarms by SMS or/and by E-mail (communication loss, threshold overshoots, malfunction)
- Periodical operating reports
- Virtual Integrated Devices (VID)



### + BENEFITS

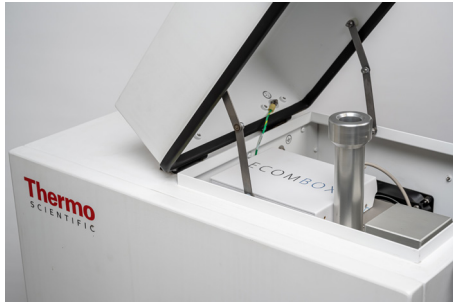
- + Compatibility with any kind of instruments
- + Ease of implementation
- + Maintenance and breakdown service efficiency
- + External and remote control
- + Various connection modes

### + APPLICATIONS

- + Industrial process control
- + Continuous emissions monitoring (construction sites, quarries...)
- + Smart City
- + Smart Agriculture

# ECOMBOX

## TECHNICAL SPECIFICATIONS



|                      |  |
|----------------------|--|
| Dimensions           | W7.2" x D5.5" x H1.7" / 0.50 kg  |
| Ports                | 4 RS232 ports<br>2 USB ports<br>2 Ethernet ports   |
| Connectivity         | Ethernet. Options: Wi-Fi, 3G/4G  |
| Relay                | Via radio, range in free field : 800 m<br>Frequency: 868 MHz (Europe) or 900 MHz (USA, Canada)   |
| Managed protocols    | Modbus, Jbus, C-Link, Bayern-Hessen, AK, analog, etc.  |
| Access to data       | <a href="https://i-comesure.com">https://i-comesure.com</a>  |
| Web services         | Mapping   Multi-mode data display   Device status   Device remote control   Data storage   Data downloading   Configurable alerts/alarms   Data analytics reports   Virtual Integrated Devices (VID)   Data encryption   API   Database export   Data logger |
| Data security        | Local + Cloud-based encryption<br>WPA2-Enterprise compatible   |
| Data storage         | Built-in SD memory card<br>Web storage   |
| Power supply         | 100-240 VAC, 3,6W, 50/60 Hz<br>EcomBox: 12V 2A max<br>Power adapter included   |
| Accessories          | Wall mounting plate<br>EcomWild (mechanical and waterproof protection)   |
| Operating conditions | Temperature: 32 to 104 °F (0 to +40 °C)<br>Hygrometry: 0% - 95% without condensation<br>Altitude: < 2000m  |
| Certifications       | CE class B, FCC class A  |
| Patent               | Applicable in France, Europe, United States  |

