

ECOMBOX

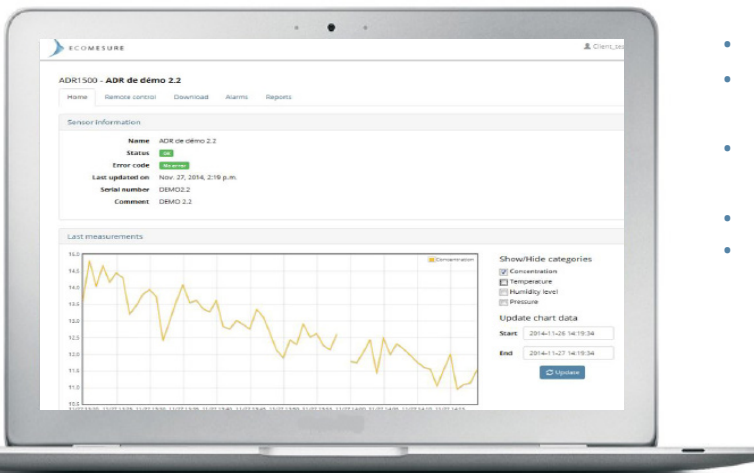
UNIVERSAL COMMUNICATION GATEWAY



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

Instruments can be controlled and data managed from the platform:

- Data visualization in real-time (dashboard, graphs)
- Device status
- 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)



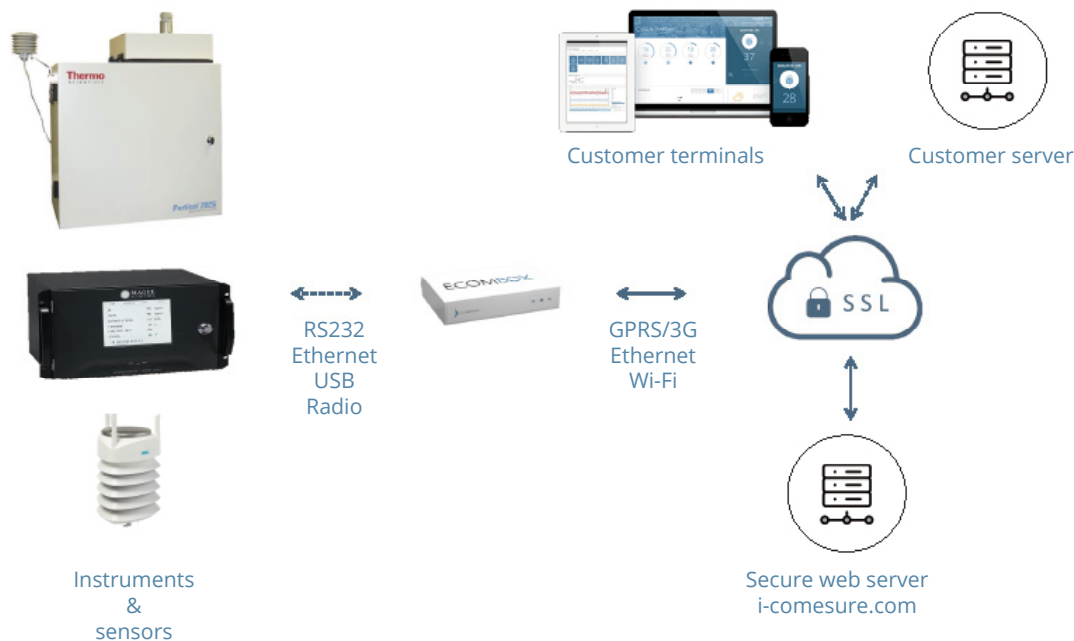
+ BENEFITS

- + Compatibility with any kind of instruments
- + Ease of implementation
- + Maintenance and breakdown service efficiency
- + External and remote controls (e.g. valve, pump)
- + Various connection modes

+ APPLICATIONS

- + Industrial process control
- + Continuous emissions monitoring (construction sites, quarries...)
- + Smart City
- + Smart Agriculture
- + Industry 4.0

ECOMBOX



SPECIFICATIONS

DEVICE COMMUNICATION	4 RS232 ports 2 USB ports 2 Ethernet ports
SERVER COMMUNICATION	Encrypted and secure data exchange through SSL protocol - Ethernet - Wi-Fi (by Dongle*) - 3G / GPRS
RELAY FOR ACCESSING THE SERVER*	Via radio, range in free field : 800 m Frequency : 868 MHz (Europe) or 900 MHz (USA, Canada)
MANAGED PROTOCOLS	Modbus, Jbus, C-Link, Bayern-Hessen, AK, analogue, etc.
DATA STORAGE	Locally on a SD card External on a secure web server
DATA ACCESS	https://i-comesure.com Password, SSL certificate
WEB SERVICES	Mapping Data real-time display Multi-display mode (index and scientific) Device status Device remote control Data storage (up to one year) Data downloading (directly in xlsx, csv, or FTP transfer) Operating and data analysis reports Alerts/alarms by SMS and E-mail Virtual Integrated Devices (VID) Data ciphering API link Database export Data logger
MOUNTING	- On the table with non-slip pads - On the wall with a fixing plate* - Outdoors in the accessory EcomWild *
SIZE	W185 x D140 x H44 mm
WEIGHT	500 g
SUPPLY	Mains : 100-240 V ~ 3,6W 50/60Hz Ecombox : 12V = 2 A max, external Mains adapter included
TEMPERATURE / HYGROMETRY / ALTITUDE	0°C - 40°C / 0% - 95% without condensation / < 2000m
WEBSITE	https://www.i-comesure.com Website secured through password, protocol and SSL certificate
COMPLIANCE	CE class B, FCC class A
PATENT	Applicable in France, Europe, United States: N° 1552497 (French National Institute of Industrial Property) N° WO2016/151096 (European Patent Office) N° 10064083 (US Patent & Trademark Office)