

Our services

Custom products

Our project teams are able to mobilise their resources to develop a new product that takes into account all the constraints of your future application. To succeed in designing reliable, high performance products, WATTECO relies on a team that possesses skills and know-how in the fields of electronics, industrial data processing and plastics engineering.

Our leadership is based on being attentive to your needs and on the design of market-leading products!

Support website

Refer to our **assistance page** where you will find all the technical information about our products: support website, installation notices, datasheets, RED directives...

Codecs available online: easy access to the source code of our codecs available on Github.

Technical assistance

The technical assistance is provided by our **product engineers** by email or phone. We supply on-premise support on demand.

Technical training

We design tailor-made training sessions.

Sensors configuration

- » Custom provisioning on-demand: we can configure your sensors in batches with an identical configuration for all of them just before they are shipped from our manufacturing facility.
- » With our configuration tool, you can configure and customise your sensors onsite.

www.watteco.com/assistance



They trust us





Your **challenges**

Industrial performance optimisation

Optimise your processes with comprehensive supervision. Use smart sensors for predictive maintenance, to monitor levels of liquids in tanks or for temperature control.

Reducing energy consumption

Improve energy efficiency thanks to data monitoring. Get tracking impulse from water, gas, electricity or heat meters. Easily install your sensors, even in ATEX environments.

Building renovation & performance

Improve your operations and building maintenance through our wide range of sensors. Detect presence, turn off water heater or supervise ventilation or air handling unit.

Improving well-being in buildings

Use sensor data to enhance the comfort of occupants and users. Measure humidity and temperature to ensure a pleasant environment. In housing, public buildings and offices, improve the indoor air quality monitoring.

Railway installations monitoring

Ensure safer railway conditions with frost detection on catenary wires. Monitor remotely escalators in train station. Ensure that train gates are closed throughout the journey.

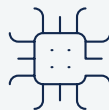
Digitalising of your territory

Deploy your smart city by offering new metering services. Analyse the performance of public lighting, and detect lights or power failures in real time. Keep an eye on your public buildings' consumption.



30+ years of experience

in the design, development, industrialisation and manufacturing of electronic products.



In-house engineering and design department

for the development of new concepts in accordance with your constraints.



Made in France

our production workshop is based in Lanester (56), France, and we are an ISO 9001 certified company.



BoB Assistant SIMPLE PREDICTIVE MAINTENANCE

The solution to monitor your machines 24/7

- » BoB Assistant analyses the vibration signature of an industrial equipment and ensures its remote monitoring.

A clever little box that can save machines from breakdowns and unexpected stops!

CLIM'O ENERGY EFFICIENCY

- » The simplest IoT sensor for measuring ambient temperature and relative humidity in your buildings. The CLIM'O will fit in perfectly with all your BMS deployments.

Thanks to CLIM'O and your BMS you will reach objectives of your local Building Energy Act.



TORAN'O IOT SWISS ARMY KNIFE



The device to remotely monitor your sensors in hazardous areas

- » A remote reading solution to be interfaced to your pressures, levels, temperature sensors or digital status report interfaces in ATEX zone 1 areas.

At last, a reliable sensor that is easy to deploy in your ATEX and harsh zones!



FUNCTIONS	VISUAL	DESIGNATION	REFERENCE
		CLIM'O Indoor temperature and humidity measurements	50 - 70 - 247
		HYGROTEMP'O Indoor temperature and relative humidity measurements with detection of tearing off. » available in tropicalised version » TEMP'O - temperature measurement only	50 - 70 - 205 50 - 70 - 232 50 - 70 - 231
		MOVE'O Ambient temperature, relative humidity and luminosity measurements with detection of presence.	50 - 70 - 225
		VAQA'O Lite Ambient temperature, relative humidity and CO ₂ measurements.	50 - 70 - 223
		VAQA'O+ Ambient temperature, relative humidity, CO ₂ , VOCs, atmospheric pressure and lux measurements with presence detection.	50 - 70 - 074
		TEMP'O - 1 remote probe Temperature measurement with an external probe to be installed on the source.	50 - 70 - 043
		TEMP'O - 2 remote probes Temperature measurements with two external probes to be installed on monitored sources.	50 - 70 - 163
		HYGROTEMP'O - remote probe Measures temperature and relative humidity using SHT30F remote probe with 3-meter cable.	50 - 70 - 200
		TEMP'O Outdoor Outdoor temperature measurement.	50 - 70 - 164
		SMART PILOT WIRE Actuator for remote control of hot water tanks, electric radiators or any external relay. LoRaWAN® Class C device.	50 - 70 - 027
		VENTIL'O Measure difference of pressure to monitor Continuous Mandatory Ventilation or Air Handling Unit. » exists with an optional pulse input	50 - 70 - 101 50 - 70 - 166
		INCLIN'O Monitors tilts and shocks up to 16g.	50 - 70 - 201
		Pulse SENS'O IP55 Pulses counting for water/electricity/heat meters. Can also be configured to monitor digital report status. 3 inputs.	50 - 70 - 160



Energy Efficiency & Smart Metering



FUNCTIONS	VISUAL	DESIGNATION	REFERENCE
		Pulse SENS'O IP68 Pulses counting for water/energy meters. Can also be configured to monitor digital report status. 3 inputs. Can be deployed in humid areas thanks to its IP68 protection.	50 - 70 - 039
		Pulse SENS'O ATEX zone 1 Pulses counting for gas or energy meters. Can also be configured to monitor digital report status. 3 inputs. » available with external antenna connector » available in IP68 version » Ready to plug cables on demand	50 - 70 - 123 50 - 70 - 228 50 - 70 - 152 on demand
		FLASH'O Counting LEDs flashes on electricity meters. » available with external antenna connector	50 - 70 - 071 50 - 70 - 245
		FLASH'O - 3 optical probes 3 optical probes for counting LEDs flashes on electricity meters.	50 - 70 - 206
		Modbus/LoRaWAN bridge Interfaces a RTU Modbus equipment and make it communicate through a LoRaWAN® network. LoRaWAN® Class A version. » available in LoRaWAN® Class C version	50 - 70 - 080 50 - 70 - 109
		TRIPHAS'O Measures voltages, currents, cos ϕ , active and reactive energies. 3P + N, 3P or 1P+1 installations. » 60 A version including 3 toroids » 400 A version including 3 toroids » 4000 A Rogowski version without coil	50 - 70 - 105 50 - 70 - 145 50 - 70 - 146
		SMARTPLUG Remotely power On/Off connected equipment and measures energy consumed. » type F socket (Europe version) » type G socket (UK version)	50 - 70 - 020 50 - 70 - 021



Tools & Accessories

FUNCTIONS	VISUAL	DESIGNATION	REFERENCE
		NETW'O tests and measures the LoRaWAN network coverage and quality. Can compare up to 3 different networks.	50 - 70 - 136
		USB Dongle This is the tool to configure a fleet of WATTECO devices during the deployment phase of the project.	50 - 70 - 174
		Cables, connectors, antennas, batteries WATTECO offer a wide range of accessories to facilitate and improve your installations.	on demand



Smart Industry & Asset Monitoring



FUNCTIONS	VISUAL	DESIGNATION	REFERENCE
		IN'O 10 digital inputs and 4 outputs to remotely read or control digital I/O. LoRaWAN® Class A version. » available in LoRaWAN® Class C version	50 - 70 - 016 50 - 70 - 087
		PRESS'O 1x 0-10 V and 1x 4-20 mA input interfaces to remotely read any analog sensors. » PRESS'O+ offers an external antenna and 1 pulse input	50 - 70 - 017 50 - 70 - 189
		TORAN'O ATEX zone 1 3x digital inputs, 2x 0-5 V and 1x 4-20 mA analog inputs to remotely read any sensors. » available in IP68 version » Ready to plug cable on demand	50 - 70 - 124 50 - 70 - 150 on demand
		LEV'O+ Liquid level External gauge to be interfaced on TORAN'O device to offer a full liquid (water, oil, fertilizer ...) level measurement solution.	50 - 70 - 209
		PRESS'O 0-5V ATEX zone 1 2x 0-5 V analog inputs to remotely read external sensors.	50 - 70 - 246
		LEV'O+ LPG External Rochester gauge to be interfaced on PRESS'O 0-5V or TORAN'O device to offer a full LPG level measurement solution. Junior and Senior sizes available.	50 - 70 - 210 50 - 70 - 211
		TEMP'O PT1000 Offers PT1000 interface to collect temperature from any external PT1000 sensor (not included).	50 - 70 - 126
		ATM'O Outdoor temperature, relative humidity and atmospheric pressure measurements to calculate the dew point.	50 - 70 - 099
		INTENS'O Monitors electrical current to offer condition monitoring service.	50 - 70 - 098
		MONIT'O 0-70 V and 0-100mV input interfaces to monitor cathodic protection rectifiers or to measure battery status.	50 - 70 - 141
		CLOS'O Monitors and reports outdoor doors and gates activity.	50 - 70 - 108
		BoB Assistant Monitors the vibrations of industrial equipment and alarms in the event of drift to offer predictive maintenance services. » available in ATEX zone 1 version	50 - 80 - 004 50 - 80 - 006
		MOVEE Monitors and alarms on equipment shocks.	50 - 80 - 002

WATTECO

Our certifications



Committed to a CSR approach with R3 impact



 **LoRa Alliance**® Member

Visit www.watteco.com for all product information

WATTECO RELIES ON A QUALITY DISTRIBUTION CHANNEL

Contact us for your IoT projects!



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