

TRACKLOG

LoRa® Powered Data Loggers



LoRa
Alliance
Member™

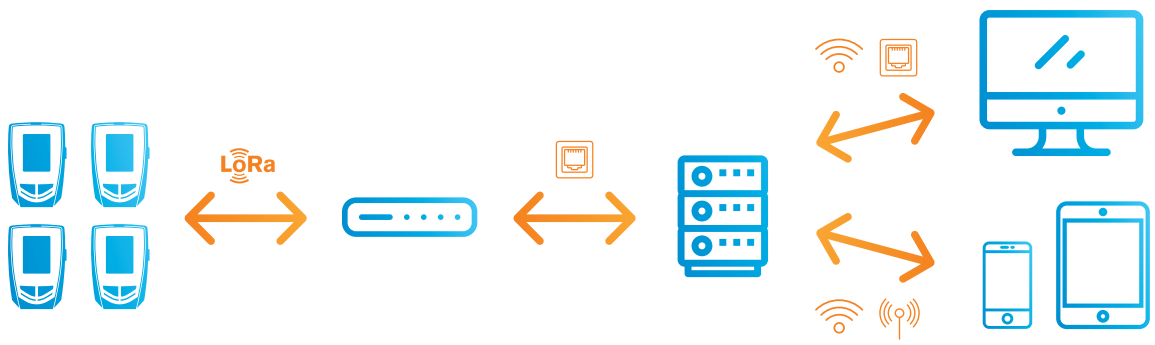


TrackLog

LoRa® Powered Data Loggers

Sauermann has released a new TrackLog line of Data Loggers featuring LoRa® wireless technology that allows customers to monitor multiple parameters over long distances, using an interference resistant connectivity and a high strength signal.

LoRa® is a Low Power Wide Area Network. It offers a mix of long range, low power consumption and secure data transmission that is making our world a Smart Planet.



TrackLog Data Loggers

TrackLog Gateway

TrackLog Server

TrackLog Web & Mobile

Product overview

TrackLog Data Loggers



LoRa® is a Low Power Wide Area Network or LPWAN technology developed by the chip manufacturer, Semtech. LoRaWAN™ is a communication protocol specification built on top of the LoRa® technology.



Measure multiple parameters

Temperature, humidity, CO₂, atmospheric pressure, differential pressure



Long-distance connectivity

LoRaWAN™ provides extended range



Long battery life

LoRaWAN™ provides extended battery life



Lower overall cost of ownership

A single receiver covers your entire site in most cases



Easy to set up, use and maintain

A single receiver covers your entire site in most cases with simple configuration



Data integrity

Accuracy and consistency ensured over the entire life-cycle



2-line LCD display



High accuracy 0.01 resolution



Interchangeable probes



TrackLog App

Web/mobile software

- Continuous monitoring
- For multi-site use and distance monitoring
- Easy installation
- Configurable alarms and alerts via PC, e-mail and SMS
- Secured, accessible and exportable data to facilitate audit report

LoRa

LoRa

LoRa



KT TrackLog



KTT TrackLog



KP TrackLog



KCC TrackLog



Technical information

TrackLog Data Loggers



KT TrackLog







KTT TrackLog



KP TrackLog



KCC TrackLog

Memory capacity	20,000 points	20,000 points	20,000 points	20,000 points
Recording frequency	From 1 minute to 24 hours	From 1 minute to 24 hours	From 1 minute to 24 hours	From 1 minute to 24 hours
Parameters	Relative humidity Temperature	Thermocouple temperature	Differential pressure	Temperature Relative humidity Atmospheric pressure CO ₂
Internal sensors	1	-	1	4
External probes	Up to 2	Up to 4	-	-
Temperature range	Internal NTC -40 to +70°C External: see probes data sheet	-	-	-40 to +60°C
Relative humidity range	0 to 100 %RH	-	-	0 to 100 %RH
Thermocouple range	-	K -200 to +1,300°C J -100 to +750°C T 200 to +400°C N -200 to 1,300°C S 0 to +1,760°C	-	-
Differential pressure	-	-	-1,000 to +1,000 Pa	-
Atmospheric pressure	-	-	-	800 to 1,100 hPa
CO ₂	-	-	-	0 to 5,000 ppm
Protection	IP65	IP54	IP65	IP40
Battery life	3 years*	3 years*	3 years*	1 year*
Safety lock				
LoRa® frequency	868 Mhz (Europe)	868 Mhz (Europe)	868 Mhz (Europe)	868 Mhz (Europe)
Additional benefits	High relative humidity/ temperature accuracy**	NA	NA	High relative humidity/ temperature accuracy***

* On the basis of 1 measurement each 15 minutes at 25°C

** Refer to TrackLog probes data sheet for more information

*** Refer to KCC TrackLog data sheet for more information

Sauermann's TrackLog Data Loggers monitor parameters such as temperature, CO₂, pressure and humidity, and are ideal for the pharmaceutical, medical, agri-foods, refrigeration, various HVAC and many other sectors.

They are often used to fulfill regulatory requirements for temperature and humidity monitoring.



Services

Control / Maintenance / Calibration



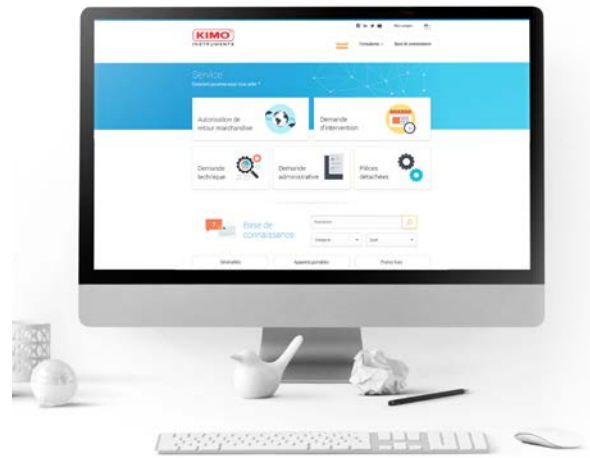
Services

At Sauermann, to complement our range of measuring instruments such as our TrackLog Data Loggers, we have over 60 people dedicated to providing a wide array of services. You have access to a world-class support team at your fingertips!

Whether you need project support, or help with an existing system, we are here to help you with our expertise. Our services include quick calibration services for TrackLog, repair/maintenance, field services (including installations, quick calibrations, mapping, etc.), and training.

1,500 m² of laboratories

- Temperature
- Humidity
- Air velocity
- Airflow
- Pressure
- Combustion
- Tachometry
- Electrical current



Customer service portal

Contact us via our Customer service portal.

<http://kimo-en.custhelp.com>



Calibration and adjustments



Hotline



Field services



SCOPE N°2-1885
AVAILABLE ON
WWW.COFRAC.FR

Accredited temperature laboratory as per ISO 17025 standard

KIMO can perform COFRAC calibrations on any type of thermometer (measuring chain, Pt100 and thermocouple) within a range from -70 to +200 °C, in sterilizer or in baths.





SCOPE N°2-5553
AVAILABLE ON
WWW.COFRAC.FR

Accredited hygrometry laboratory as per ISO 17025 standard

KIMO can perform COFRAC calibrations on any type of hygrometer within a range from 10 to 95 %RH for a dry temperature from +10 to +50 °C.

Draw your plan

TrackLog
Gateway

Customer information

Name	
Email / Phone	
Sector	
Application	
Type and number of Data Loggers	KT TrackLog:
	KTT TrackLog:
	KP TrackLog:
	KCC TrackLog:
Number of gateways	

Vendor information

Name	
Email	
Phone	



More information
www.kimo-instruments.com

