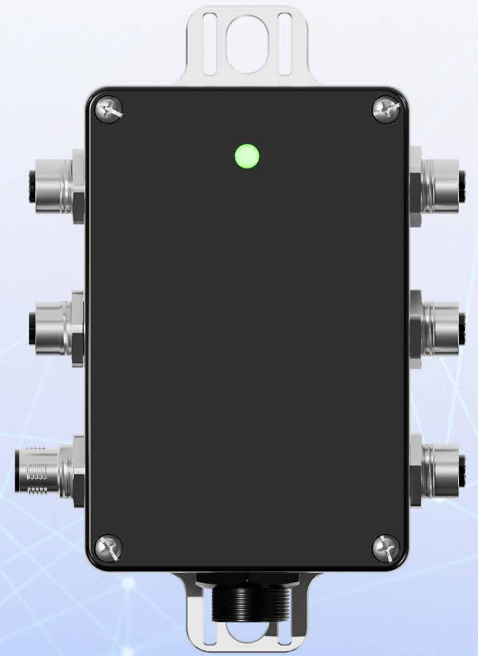
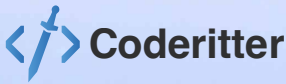


# Coderitter Smart Sensor Hub

Reduce maintenance costs for your machinery and equipment with AI!



## We turn two devices into one

**Our Smart Sensor Hub** is your intelligent control center for recording and processing sensor signals. Robust, IoT-ready and AI-enabled, it offers a wide variety of possibilities for digitization and automation of all kinds with its 5 sensor connections for a wide range of digital and analog sensor types. The processor unit is ready to perform various types of tasks, from simple data forwarding to more sophisticated AI algorithms.



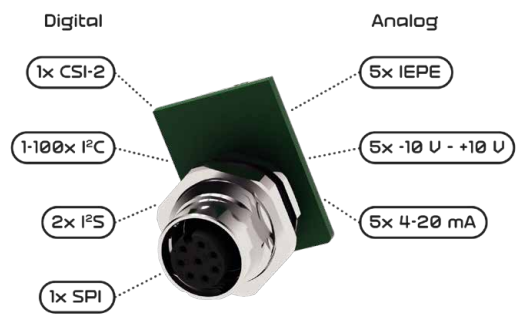
- ✓ Reduces complexity
- ✓ More space in the control cabinet

## Configurable connections for each sensor

The **sensor configuration** can be flexibly and individually adapted to your requirements. On request, we also offer **additional connection types** to leave nothing to be desired.



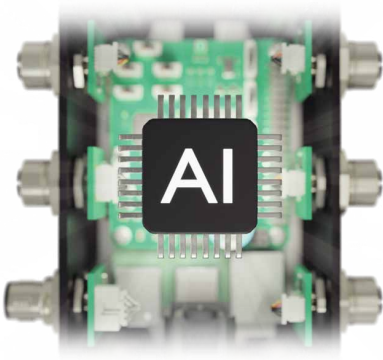
- ✓ Free choice of sensors
- ✓ High data quality



This project is co-financed from tax revenues on the basis of the budget adopted by the Saxon State Parliament.



## Built-in AI functionality



The powerful quad-core Cortex-A72 processor enables a wide **range of applications** - from simple processes to AI-supported automation and monitoring **directly on the device**. This allows many tasks to be performed locally and **reduces costly cloud usage**.

✓ AI on the device

✓ Large history of sensor data

8GB RAM

512 GB



Quad core Cortex-A72 (ARM v8) 64-bit @ 1.8GHz

## Diverse communication options

The device supports a variety of communication interfaces such as WiFi, Ethernet, LoRa-WAN, Modbus and more to ensure **maximum flexibility in data transmission**. This allows the Smart Sensor Hub to be seamlessly integrated into a wide variety of networks and system environments.



WiFi



Ethernet



Bluetooth



LTE



Modbus



LoRaWAN

### Encrypted memory disks



- High data security
- Protection against unauthorized access

### Industrial-grade enclosure

- IP66-certified
- flexible installation
- cooling base plate

### Based on Raspberry Pi



- Extensive software support
- Easily expandable



## Digitize your assets now!

Make an appointment for an initial consultation with us to find out how you can digitize and monitor your assets the best way possible.

Scan me!

