

# LTE-Datalogger (SB)



The LTE data logger (SB) is equipped with interfaces for up to 8 x 2 PT100/PT1000 temperature sensors as well as a wide range of additional analog and digital inputs and outputs.

In combination with Node-RED™, the data logger offers a quick and easy way to transmit data from distributed sensors and actuators in the field to backend systems.

In addition, the LTE data logger (SB) provides sufficient processing power and memory capacity to handle smaller tasks locally.

## Key Features & Functions:

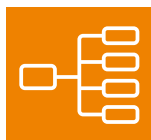
- Integrated LTE module (ready-to-use internet connection)
- Simple and fast installation via screw terminals
- High number of input and output interfaces
- Direct connection of PT100/PT1000 temperature sensors
- Support for M-Bus, Modbus, 1-Wire, and CAN protocols
- Open Linux system for flexible management and programming
- Optional fleet and VPN management
- IP routing via Ethernet, Wi-Fi, and LTE
- Integrated AC/DC power supply



[www.isona.de](http://www.isona.de)



4G LTE



Node-RED



OpenWrt-Linux



Cloud-Service



1-wire



16 PT100/  
PT1000



GPS Glonass



M-Bus



10/100 Mbit/s  
Ethernet



RS-232



USB 2.0



CAN 2.0B



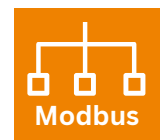
RS-485 and  
isolated RS-  
485



4in/2out



WLAN



Modbus