

Ser[LOG] Plus Data Logger



POSSIBLE APPLICATIONS

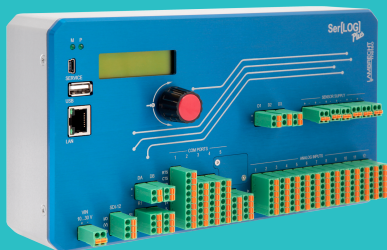
- Environmental and agricultural monitoring networks
- Meteorology
- Universities
- Authorities
- Industry
- Health resorts
- Air traffic control

One for all

Ser[LOG] Plus is the most versatile data logger. Thanks to its configurability and scalability, you can adapt Ser[LOG] Plus to the specific challenges of your daily measurement tasks.

Overview:

- Serial and analog sensors can be connected
- Processes up to 60 parameters
- Many state-of-the-art communication interfaces
- Extensive sensor library, freely configurable and scalable by users
- Formula collection and free formula parser
- Alarm system for 10 warning channels via built-in and external relays
- Wide range of options for exchanging information
- Interference-proof due to shielded aluminum housing
- User-friendly with free access to all connections and operating elements



PRODUCT OVERVIEW

Ser[LOG] Plus Data Logger

Professional Line	Ser[LOG] Plus
Ident-No.	00.95770.100000
Resolution	16-bit ADC (SAR) with up to 1024x oversampling; processing in 8-byte IEEE real format
Signal input	SDI-12; 12 analog / 5 digital inputs
Output	2 potential-free, programmable relays; expandable to 10 relays via Modbus
Interface	4 x RS-485; 5 x RS-422; 4 x RS-232; USB device; USB host; Ethernet
Operating conditions	-30...+70 °C; 5...95 % RH (non-condensing)
Supply voltage	10...30 VDC
Power consumption	From 133 mA (12 V) up to 350 mA (12 V), depending on configuration
Storage space	1 year in ring buffer (8-byte IEEE real format) - configuration-independent
Ethernet	100 Mbit; RJ45 connector
Dimensions	125 x 238 x 72 mm
Weight	Approx. 1.3 kg
Standards and norms	EMC: IEC 60945
Included in the scope of delivery	USB cable; Ser[LOG] Commander Management App

As of June 9, 2026

