

## Ser[LOG]

### Outstanding versatility and performance...

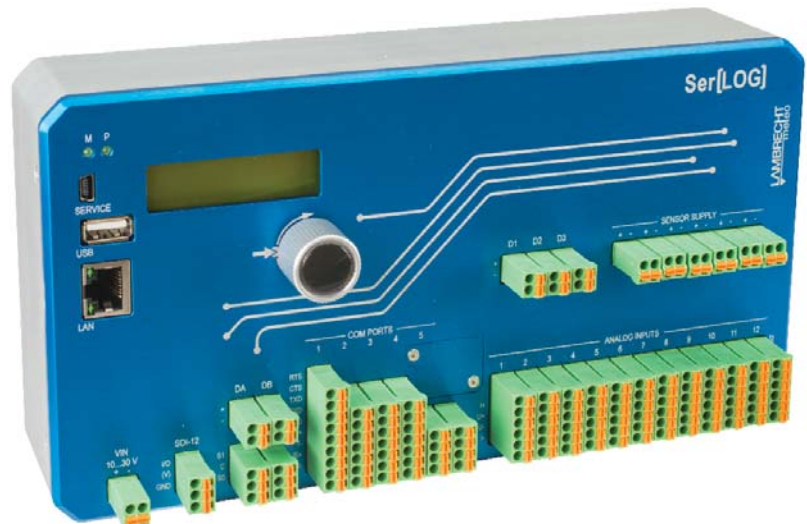
for your professional meteorological data acquisition.

Ser[LOG] is more than just a data logger: Due to its versatility by configuration and scaling you can adjust Ser[LOG] to the specific challenges of your daily measurement tasks.

Ser[LOG] is multifunctional and grows with its requirements: The data logger can be expanded to a total of 3 measuring modules and processes up to 60 parameters.

Ser[LOG] is particularly communicative: up to 30 data transmissions at the same time are possible.

- extensive sensor library, freely configurable and scalable by user
- formulary and free formula parser
- integrated alarm system for 10 alarm outputs via built-in and external relays, email, SMS
- various possibilities of information exchange
- EMI resistant by shielded aluminium housing and user-friendly with free access to all connections and controls



Meteorology • environmental and agricultural monitoring networks • water management • industry • measurement and control technology • spas • airports • authorities applications



Professional Line	Data logger Ser[LOG]	Id-No. 00.95770.100 000
Communication interfaces:	5 x RS 485 · 5 x RS 422 · 4 x RS 232 · USB device · USB host · Ethernet	
Signal inputs:	SDI12 · 12 analog/ 5 digital inputs • expandable to: 36 analog/ 11 digital inputs	
Resolution:	16 bit ADC with up to 1024-times oversampling • Processing in 8-byte IEEE real format	
Outputs:	2 potential-free, programmable relays • via Modbus expandable to 10 relays	
Ethernet:	100 MBit • connector RJ45	
External supply (V <sub>0</sub> ):	10...30 VDC	
Current consumption:	from 133 mA (12 V) up to 350 mA (12 V) depending on configuration	
Environmental conditions:	-30...+70 °C • 5...95 % r. h. (not condensing)	
EMC:	IEC 60945	
Mount:	35 mm DIN rail	
Dimensions/ Weight:	125 x 238 x 72 mm • approx. 1.3 kg	
Communication paths:	Ser[LOG] - User (either via USB storage device, cable, network, Bluetooth or mobile communications (GPRS, EDGE, UMTS, HDSP, LTE)) · dialogue support (SNAP), FTP, email, SMS • Ser[LOG] - Sensors (either NMEA, Modbus RTU, Modbus TCP, SDI12 and numerous proprietary protocols • other protocols on request	
Memory:	1 year in ring memory (8-byte IEEE real format) - not depending on configuration	
Included in delivery :	USB cable · Management App Ser[LOG]-Commander	