

# DL-2, DL-4, DL-8

## Data Logger



The data logger type DL is a universal measuring and recording device for field application. It is a battery powered logger using replaceable standard batteries that can last up to 5 years. For manual data transmission either a USB interface or a Bluetooth module is available. However, the outstanding feature is the remote monitoring functionality in conjunction with a GPRS modem and our SDC hosting platform. This combination offers several alarm options for the monitoring of construction projects with high sensitivity.

### Mount accessories

- Mounting plate for wall assembly
- Pole mount bracket

### Logger accessories

- Barometric pressure sensor (on-board)
- Internal temperature sensor (on-board)
- Quad-band modem for GPRS-transfer
- Integrated antenna
- External antenna
- Vibrating wire module (option "VW")
- 4...20 mA-module (option "AI")

### Specifications

Dimensions (valid for 2, 4 & 8 channel):	260x160x90mm (LxBxH) im Polyester-Gehäuse
Weight (without accessories):	3 kg
Battery type:	2x LR20 Alkaline Mono D
Protection class:	IP 66
Storage type:	non-volatile memory on-board

### Key features

- For each channel: freely configurable and regulated sensor supply  
1,000 mA / 0,100 mA / 1,000 V
- For each channel: freely configurable measuring range  
2400 mV / 300 mV / 18 mV
- A/D-conversion with 16 Bit technology
- Monitoring of battery voltage (with alarm for low battery)
- Integrated barometric pressure sensor (option "k")
- Non-volatile memory for 165000 measurement cycles ( 1,65 Mio. single values)
- Additional measuring modules for e.g. vibrating wire sensors, 4...20 mA-output, other sensors
- Quadband-GSM-modem and integrated or external antenne (option "i")
- Worldwide M2M-transmission to cloud-based platform SDC (Smart Data Center)
- Integrated USB interface (type B)
- Integrated Bluetooth interface (option "B")
- Sensor connection sockets with spring-loaded clamps for extremely simple and fast setup