



Applications

- universal hand held display
- sensor on site monitoring
- regular service
- short term on site testing
- research, education
- calibration systems

HandyLog - hand held simple datalogger

HandyLog is based on latest technology - ultralow power microcontroller and real time multitasking operating system. It is universal device with possibility to connect various sensors. Integrated battery and internal circuitry provides 12V excitation for connected sensor.

Internally with jumper switchable for one of three combinations of inputs: one analog + one digital, RS232 or RS485.

Measurement interval and log interval are configurable in the range of 1second to 1 hour. Internal memory (4MB) operates as memory drive with USB connection. Data format can be .txt or .csv. Logger creates one file per day.

Large display can be configured for 6 lines, 3 lines or 1 line (big numbers).

Parameters

Analog Inputs	
Single Ended (12bit)	1
Input Range	0...2.5V
Accuracy	0.1%
Digital Inputs	1
Input Range	0...2kHz
Serial Inputs	1 (RS232 or RS485)
MeasInterval	1...3600 s
LogInterval	1...3600 s
Statistics	Avg, Min,Max, StDev
Internal Memory	4MB
Display	6, 3 or 1 measured value (depending on text size)
Battery	LiION 2500mAh
Charging inputs	USB
Power Consumption	
Sleep	20uA max
Measuring	7mA typ
Input connector	M12
HandyLog provides	12V output for sensor power supply
Temperature Range	-20...+50°C
Customization	on request