



*“Innovative Solutions
For Smart Partners”*

AL4

Universal Data Logger

▶ AL 4

Universal Data Logger



▶ Key Features

AL 4

- ❑ User-friendly and intuitive operation PC software
- ❑ 4 independent differential input channels
- ❑ Analogue input rating: Voltage: $\pm 2500\text{mV}$ or Current: 0-20 mA
- ❑ Display readings and graphs in real time through PC software
- ❑ Compatible with most analog sensors such as load cells, pressure transducers, strain gauges, LDT/Potentiometric displacement transducers
- ❑ Calibration formula for various type of thermocouple, 4-20 mA transducer, mv/v sensors and accept equation for non linear sensors
- ❑ Onboard ambient temperature sensor (Used for Thermocouple calculation)
- ❑ Effective resolution: 65000 points (16 bit)
- ❑ Sampling rate up to 500 readings per second for each channel (Store on the PC)
- ❑ Through software adjustable input gain: 1X ~ 128X
- ❑ USB connection to PC via general or customized software
- ❑ Four virtual channel to apply any desirable formula to each channel readings to calculate specific parameter
- ❑ Optional Wi-Fi module for wireless communication and storing data (max 10 Hz) on internal memory is available (PC and mobile phone app included)

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