

# Static Data Logger

Easy to set up, 10 to 30 analog channels, vibration wire sensor support in the 500Hz to 5kHz frequency range, and unique phase lock loop filtering.  
 USB stick memory storage (auto-generated files) that can store infinite points.  
 The SDL 1610B are of solid steel construction for the harshest environments.



## Specification

SDL 1610B	
Sensor type	Voltage, Current, Vibrating wire, Resistance, Bridge sensors
Memory features	External USB
Channels	Differential 10 channels or single-ended 30 sensing
Display	PC-based (Displayed by the vector value.)
AD conversion	16-bit, Sigma-delta ADC
Distortion	0.0015% nonlinearity
Voltage	0.000076V ~ 5.000V nonlinearity
Current	4.000mA ~ 20.000mA (4 ~ 20mA sensor)
Vibrating	400 ~ 6,500Hz (Vibrating wire sensor)
Vector operations	Operating vector to transfer from your computer.
Repeatable reading time	0.1/s ~ Day / Auto- repeatable reading
Communications	RS-232c
Events	Control internal events and external events, event recovery
Operating voltage	DC 12V, DC 24V (Current sensor)
Storage temperature	-40°C to +90°C
Dimensions	100mm x 205mm x 47mm

## Options

Time concurrency	GPS Time
Memory expansion	Internal, External
Channels increases	+ MUX (10 Channels)
Battery features	4,000mA Built-in Ion-lithium battery only the 5V, 12V supplied sensor
Digital sensing	Depending on the user's request to be added.
Communications	RS-485, Ethernet/TCP/IP

