

Technical Datasheet

Sunsui's **951S Process Logger** is low cost Universal Input Data monitoring and scanning system. Product caters to need to any industry where process monitoring is important. Small size and light weight makes it easy to fit in existing panel or even on field wherever required. Ease of configuration and usage reduces the installation time and makes the system operational with less downtime. Bright LED display for clear visibility of Parameter Values and Channel Number gives wide viewing angle and viewing distance. Individual alarm relay output for each channel is available on request. Serial Communication over Rs232 or RS485 is available for external device communication.



Data Logger 951S

□ Key Features :

- Microprocessor based economical series data scanner.
- Support of Universal Input
- Ease of configuration using 4 soft keys.
- 3 ½ Digit bright LED display for monitoring real time process value.
- 2 Digit LED display for channel number
- Compact and light weight design.
- Individual High Low alarm setting.
- Two common alarm relay output. Individual relay output option available on request.
- Support for Dot Matrix Printer.
- Skip and Hold channel option available.
- Direct Excel output on Pen Drive (Optional).

□ Technical Specifications :

Description	Details
Input	Universal and User Selectable RTD: PT100, PT1000 Current: 0-20mA, 4-20mA Voltage: 0-1VDC, 0-5VDC, 0-10VDC Thermocouple: J, K, R, S, T
Display	3 ½ Digit for Process Value and 2 Digit Channel Number bright LED display.
Display Resolution	0.1°C for RTD and selectable for current of voltage input
Memory	25,000 Readings per channel
Logging Interval	User selectable (1 Sec to 24 Hrs)
Scan Interval	User selectable (1 Sec to 24 Hrs)
Number of channels	8 / 16 / 24
Accuracy	0.5 % of Span
Printer Port	Available Direct Printing on Dot Matrix printer
USB Port	Available for Direct Excel output on Pen drive.
PC Interface	Serial RS232 or RS485 or Ethernet for PC Software
GSM / GPRS	2G / 3G or 4G support (Optional)
Alarm Output	Common relay output with individual High Low alarm setting. External Individual channel relay card available on request.
Panel Cutout	92 (W) x 92 (H) x 150 (D) mm
Bezel Size	96 (W) x 96 (H) Weight 1.5 to 3 Kg
Operating Power	230V AC, 50Hz / 110V AC / 12 VDC
Certification	CE Certified