

## Sunsui 08/16 Channel Universal Input Data Logger



### Models: SMARTSCAN

**Basic Description:** Entry Level Universal input data monitoring system with bright LED display for Parameter Value & Set point and 16 character X 2 Line alphanumeric LCD display for easy man machine interface

### Specifications:

Intuitive Display	: Bright red seven segment LED display for Parameter value (5 Digits), Set point Value (5 Digits) and channel number (2 Digits) and 16 character x 2 Line alphanumeric LCD display for indicating parameter units, alarms and easy system settings along with continuous display of Date & Time
No. of Channels	: 4/8 channel / 16 Channel Universal Input
RTD Input	: PT100 / PT100
Thermocouple Input	: K, J, R, S type
Input	: 4 – 20 mA / 0 – 20 mA
Input	: 0 – 2000 mVolt DC Input
Voltage Input	: 0 – 5 VDC Input / 0 – 10 VDC Input / 0 – 20 VDC input
Data Storage	: 4 MB / 8 MB internal Data Storage capacity suitable
for storing around	: 60,000 samples per channel
Logging Interval	: 1 Sec. to 24hour (User Selectable)
Logging Types	: Continuous / Value Triggered / Time based
Real Time	: Internal Real Time Clock with Battery Back Up
USB (optional)	: USB Host Port for connecting USB sticks
Relay / Alarm	: 4 potential free relays with grouping facility
MODBUS RTU	: Optional RS485 MODBUS – RTU output for connecting multiple data loggers to common PC / PLC
Sensor Excitation	: 24 VDC Sensor Excitation Output
Operating Power	: 230V AC
Additional Feature	: Optional GSM/GPRS for SMS and Email alarms

**Application Areas** : All type of process plants like – Oil & Gas, Power, Iron & Steel, Automotive, Water & Waste, Food & Pharmaceutical, Chemical & cement Industries, Paper Industry, Dairy & food industries, Horticulture & agriculture, Vulcanization, Blood Banks, cold storage etc.

### Sunsui Process Systems

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