

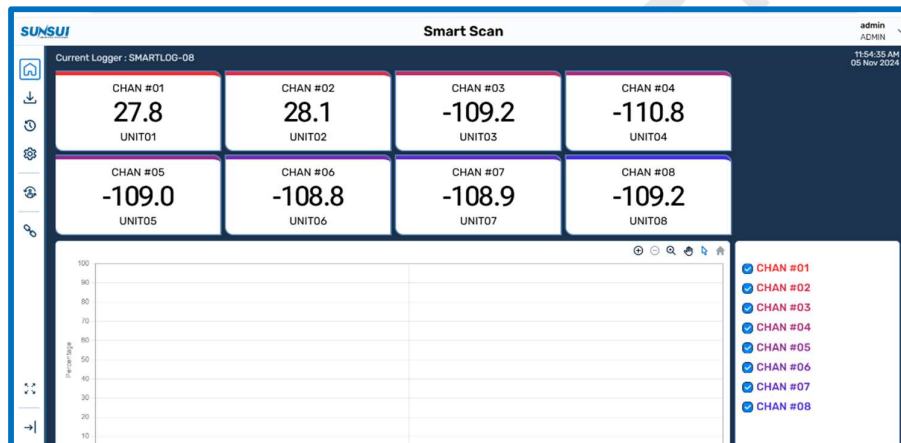
This system is used for monitoring the data of any universal input. The data logger will log the data with user settable interval and the data will be download by connecting the pen drive or through the PC software



SMARTLOG-08



SMARTLOG-16



PC SOFTWARE

- ❑ 5.1" Touch screen with broad font reading view.
- ❑ Pen Drive port for easy data retrieval in Excel format
- ❑ Individual channel name and unit editing.
- ❑ Two Way software communication
- ❑ Available with RS232, RS485, Ethernet and Wireless RF communication
- ❑ 21CFR part 11 Complied software and Normal software available.

Description	SMARTLOG-08/16
Input	RTD : PT100, 3 wire. Thermocouple : J,K,R,S,T,N. DC mA : 0-20mA , 4-20mA DC mV : 0-250mV, 0-500mV DC V : 0-1V, 0-2V, 0-5V, 0-10V
Display	5.1 Inch Color Graphical Display with touch Screen for user interaction.
Data Storage	60,000 samples
Log In Interval	User Selectable – 1/5/10/15/30Sec, 1/5/10/15/30/60min.
Resolution	RTD (PT100) : XXX.X Thermocouple: XXX.X DC mV/V/mA : X.XXX / XX.XX / XXX.X / XXXX
USB Port	USB 2.0 Type A For easy data retrieval in .CSV format.
Alarm	User settable Alarm point for individual channels. Alarm indication available on display screen. Optional Relay output available. Alarm Types: Low, High, High-Low.
Relay	2 Nos NO/POLE alarm relay (Grouping) Relay 1: Common for all channels or user select the channels. Relay 2: Common for all channels or user select the channels.
Power Supply	12VDC (230VAC to 12VDC adapter can be provided)
Cutout Size	92 mm (H) X 187mm (W) X 177mm (D) Standard Panel mounting
Operating Temperature	10 to 50°C and 10 to 90% RH.

PC SOFTWARE SPECIFICATION.

PC Configuration: 1) Windows 10 and above (64Bit)
2) HDD – 500GB
3) RAM – Min 8 GB

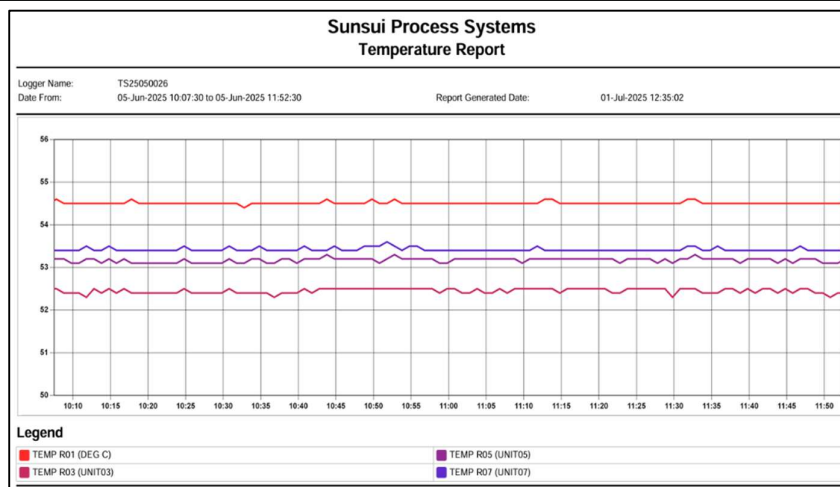
Standard Software:

- Support single or multiple loggers in single software.
- Network based software, user will open the software on any PC within the network.
- Online view of current readings as well as live graph plotting on dashboard.
- Auto or manual data downloading from logger.
- Channel, Calibration, alarm and graph settings to logger from software.
- Report generating in PDF, WORD, Excel and graph.
- Backup and restore data facility.

21 CFR Compliant Software: Standard software features included with below additional features.

- Access controls to prevent unauthorized individuals from accessing electronic records
- Computer-generated audit trails to track changes
- Reports include the statistical data like minimum, maximum, average, MKT and Cumulative MKT.
- Every report generated with electronic signatures
- Applying the software privileges to every user by administrator
- Email alerts for Alarms and logger communication failure
- Automatic downloading of data from logger to software as well as automatic report generation in PDF format at specific time interval.
- Automatic password expiration at given expiration interval.
- Generating reports with configurable headers settings.

Graphical
report view



**Sunsui Process Systems
Temperature Report**

Logger Name : TS25050026
Start Date : 05-Jun-2025
Start Time : 10:00:00
Logger ID : 1
End Date : 06-Jun-2025
End Time : 10:00:00

Data Statistics :

	TEMP R01 (DEG C)	TEMP R02 (UNIT02)	TEMP R03 (UNIT03)	TEMP R04 (UNIT04)	TEMP R05 (UNIT05)	TEMP R06 (UNIT06)	TEMP R07 (UNIT07)	TEMP R08 (UNIT08)
Min	54.5 05-06-25 10:00:48	-104 05-06-25 19:00:48	52.3 05-06-25 18:00:48	-105.6 05-06-25 19:00:48	53.1 05-06-25 12:00:48	-103.5 05-06-25 19:00:48	53.4 05-06-25 11:00:48	-103.4 05-06-25 19:00:48
Max	54.6 06-06-25 00:01:00	-103.3 05-06-25 15:00:48	52.5 05-06-25 10:00:48	-105 05-06-25 15:00:48	53.3 05-06-25 10:00:48	-102.8 05-06-25 15:00:48	53.5 05-06-25 10:00:48	-102.5 05-06-25 18:00:48
Avg	54.5	-103.7	52.4	-105.4	53.1	-103.2	53.4	-103.1
MKT	54.5	-	-	-	-	-	-	-

Report :

Sr No	Date	Time	TEMP R01 (DEG C)	TEMP R02 (UNIT02)	TEMP R03 (UNIT03)	TEMP R04 (UNIT04)	TEMP R05 (UNIT05)	TEMP R06 (UNIT06)	TEMP R07 (UNIT07)	TEMP R08 (UNIT08)
1	05-06-25	10:00:48	54.5	-103.5	52.5	-105.2	53.3	-103.0	53.5	-102.9
2	05-06-25	11:00:48	54.5	-103.6	52.5	-105.3	53.2	-103.1	53.4	-102.9
3	05-06-25	12:00:48	54.5	-103.7	52.4	-105.4	53.1	-103.2	53.4	-103.0
4	05-06-25	13:00:48	54.5	-103.5	52.4	-105.2	53.1	-103.0	53.4	-102.8
5	05-06-25	14:00:48	54.5	-103.5	52.5	-105.2	53.2	-103.1	53.4	-102.9
6	05-06-25	15:00:48	54.5	-103.3	52.4	-105.0	53.1	-102.8	53.4	-102.6
7	05-06-25	16:00:48	54.5	-103.5	52.4	-105.3	53.2	-103.1	53.4	-103.2
8	05-06-25	17:00:48	54.5	-103.5	52.5	-105.2	53.2	-103.0	53.5	-102.8
9	05-06-25	18:00:48	54.5	-103.3	52.3	-105.0	53.1	-102.8	53.4	-102.5
10	05-06-25	19:00:48	54.5	-104.0	52.5	-105.6	53.2	-103.5	53.4	-103.4
11	05-06-25	20:00:48	54.5	-104.0	52.5	-105.6	53.1	-103.4	53.4	-103.4
12	05-06-25	21:00:48	54.5	-103.8	52.4	-105.5	53.2	-103.3	53.4	-103.1
13	05-06-25	22:00:48	54.5	-103.8	52.4	-105.5	53.1	-103.3	53.4	-103.1

Numerical
report view

SUNSUI
PROCESS SYSTEMS

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