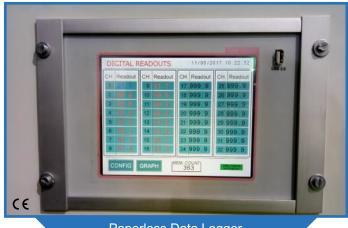
SunLog-080A powerful paperless data logger

SUNSUI PROCESS SYSTEMS

Technical Datasheet

- Flexible.
- Very easy to use.
- Economical.
- Panel mounting / Table top models.
 USB connectivity.
- 8 / 16 / 24 /32/48 channels models.
- 10M / 100M Ethernet connectivity.
- Parallel port for Dot Matrix Printer.



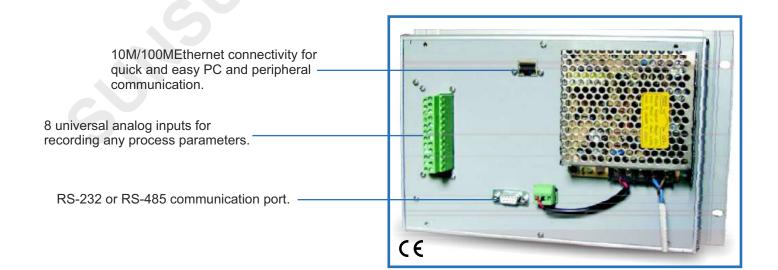
Paperless Data Logger

Overview:

The SunLog-080 is versatile general purpose universal input data logger with 8, 16 up to 32 analog inputs channels to measure process input signals from temperature sensors , humidity sensors, 0 - 5 Vdc or 4 - 20 mA signals from pressure sensors. The logging is automatically triggered at pre-programmed time intervals. A variety of communication ports are included like RS-232 or RS-485 , USB 2.0 and 10/100M Ethernet port, Parallel or Printer port. This enables data transfer from logger to any external devices. It is a small, truly portable logger which also suitable for bench based or panel mounted installations. Easily programmed via the seven integral push buttons and large graphical TFT display and with basic accuracy of 0.1% FSD. The DL 080 is able to fulfil many routine data logging needs , including more demanding applications requiring up to 8 readings per second per 8 channel.

Key Features:

Small truly portable data logger 8 to 32 universal analog inputs (RTD, Thermocouples, 0-5Vdc, 0-20mA or 4-20mA signal inputs) Individual HI/LO Alarm set points shown with color toggling on display. Alarm relay outputs with optional DIN rail mounting relay module. Configured via large easy-to-read Multicolor 8.0 Inch Graphical TFT Display, Resolution 640x480 pixels. 0.1% accuracy. Non volatile storage up to 7000 readings per channel. Supplied with PC based Data acquisition software.



☐ Technical Specifications :

A/D Resolution Accuracy 0.1% FSD of range. 1s/10ppm Normal more reading per second Historical trends Yes, on Display as we yes from within Data at Statistics Memory Internal Display Internal Battery for storage Battery life External Power required 12 bit successive app of the successive app of th	- each input sampled at a maximum rate of 1
Current ranges. 0-20mA, 4-20mA. 0 to 1200oC - J type 0 to 1372oC - K type 0 to 1300oC - N type 0 to 1768oC - R type 0 to 1768oC - S type 0 to 400oC - T type 10 to 400oC - T type 10 to 400oC - T type 11 to 400oC - T type 12 to 50 to 150°C 12 to 150°C 13 to 150°C 14 to 150°C 15 to 150°C 16 to 150°C 17 to 150°C 17 to 150°C 18 to 150°C 19 to 150°C 19 to 150°C 10 to	- each input sampled at a maximum rate of 1
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Internal Battery for storage Battery life External Power required Resolution 640 X 480 One 3V Lithium cell, e Up to 5 years. 24Vdc 2 Amp SMPS.	nnel (Depending on number channels)
Resolution 640 X 480 Internal Battery for storage One 3V Lithium cell, e Battery life Up to 5 years. External Power required 24Vdc 2 Amp SMPS.	graphical display with CCFL / LED backlit.
Battery life Up to 5 years. External Power required 24Vdc 2 Amp SMPS.	xels. (Available in 10 inch display option)
External Power required 24Vdc 2 Amp SMPS.	sily replaceable.
Sangar Payer Output	
Sensor Power Output 5V at 50mA	
Networking 10M / 100M Ethernet	rt, Device IP settable.
USB Port USB 2.0 Host, can co	ect external pen drive.
Serial Communication port RS-232 or RS-485 Fa	- m
PC Setup Yes, with dedicated da	ory selled.
Operating system -20 to 55°C	•
Dimensions W-300 x H-195 x D-11	•
Panel cutout W-257 x H-175 mm.	a acquisition software.
Certification CE Certified	a acquisition software.



SUNSUI PROCESS SYSTEM, INDIA

(ISO 9001:2015, ISO 14001-2015 Certified Company)

• Ashwamedh Commercia, 1st Floor, Mumbai-Banglore Highway, Baner, Pune-411045, Maharashtra, India.