DATA LOGGER - 4 CHANNEL

'Sangrah' data logger allows simultaneous measurement, visualization and control of 4 channels of field parameters. 'Sangrah' is ideal for Datalog applications on small machines / equipment which require small & self sufficient intelligent device with in-built device for numeric and graphic display of field input values. 'Sangrah' augments the machine controllers with sequential log of data of interest with time stamp, identification of critical alarms / limits.

This equipment also suits mobile applications such as in-vehicle logging, on the run inspection / test log on machines, remote logging and similar applications.

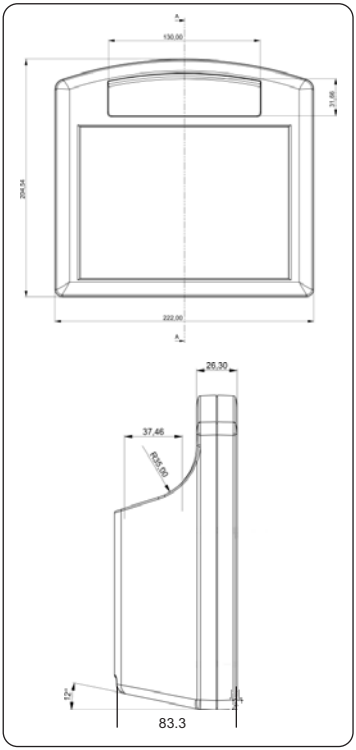
FEATURES

- 7 Inch LCD capacitive color Touch screen- 4 channel datalogger
- Optional RS-485, RS-232, Ethernet and USB interfaces
- Visualisation as Digits, Bargraphs, Graphs,
- Logging functions - Max. 100 samples/sec
- Save values in excel and graph in Pdf format.
- Overlapping past data
- Saving data
- Data View
- Data Export
- Swap channel

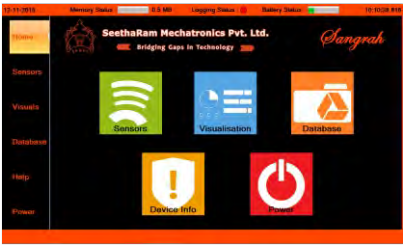
TECHNICAL SPECIFICATION

Model	Data Logger
Power supply	12V DC
Current consumption	2 Amps
Display	7 Inch 1280*800 pixels capacitive touch
No. of channel's	4
Measuring inputs(analog)	-10 to +10v
Digital I/O's	4 (5V TTL) optional 8
Counter I/O'S	1 (5V TTL)
Communication interface	RS-232, RS-485, USB
Samples/Sec/Channel	100
IP	IP 60
Data memory	5 GB
Operating temperature	0 to 55°C
Storage temperature	-40 to 60°C
Options	Battery backup, Pen drive & Connectivity
Max. Expandable storage	32 GB

DIMENSION DETAILS



HOME SCREEN



Specifications are subject to change without notice

Bridging Gaps in Technology

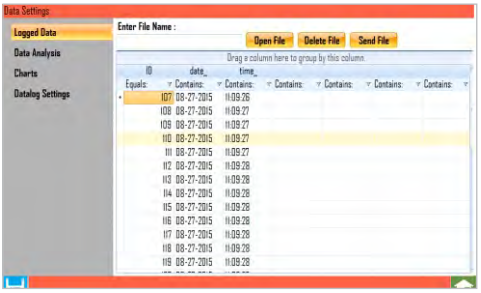
DATA LOGGER - 4 CHANNEL

Applications

- Energy Management system – monitor energy usage
- Industrial process – monitor and alert
- Metal Refining / Production
- Energy usage studies
- Process control tuning
- Outflow monitoring
- HVAC System troubleshooting
- Cooling tower efficiency studies
- Compressed Air Audit
- Laboratory bench test data collection
- Durability testing
- Lifetime quantification studies
- Offshore buoys for recording a variety of environmental conditions.
- Road traffic counting
- Process monitoring for maintenance and troubleshooting applications.
- Tank level monitoring
- Hydrographic recording (such as water level, water depth, water flow, water pH, water conductivity)
- Vehicle Testing (including crash testing)

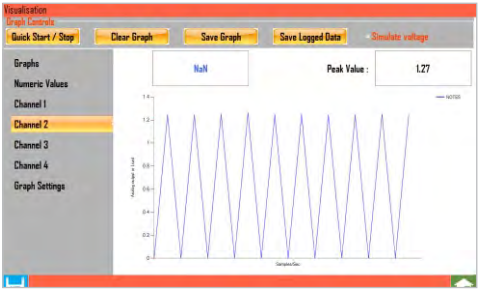
Power Options Screen

Data Settings Screen



Visualisation Screen - 1

Visualisation Screen - 2



Sensor Setting Screen

Digital I/O Setting Screen

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