

## 8 Channel Data Scanner / Logger



### OVERVIEW

These dataloggers process and send 8 channels of data to the PC. Dataloggersoftware ensures realtime display on the PC as well as storing data at userprogrammed intervals The Datalogger accepts either Thermocouple, RTD, 4-20mA or 0-5V inputs.Linearization software is builtin for both Thermocouple as well as RTD ensuring 1 Deg accuracy over the entire range.

Software stores data in in industry standard database. Data is available for other software using Microsoft ODBC technology. The software comes builtin with historical reports and graphs and user definable reports.

The DataScan10 comes standard with an easy to use, user-friendly software that requires minimal computer knowledge. The operation is intuitive and most f unctions are self explanatory.



### ADVANTAGES

- High Resolution ADC
- 2 line 16 characters blue backlit LCD
- 64k memory for data storage
- Real time clock
- RS232/RS485 - MODBUS Communication
- stand alone mode and scanner mode
- Automatic report upload to Internet
- Realtime and historical Graphs
- Windows compatible software





## DSCAN 10M SPECIFICATIONS

Power supply	15 - 24VDC / 500 mA
Power	2 Watt maximum
Indication	16 Character 2 line blue backlit LCD
No of Channels:	8
Signal Type	Thermocouple – J,K,T,E,N,B,R,S or RTD or 4-20mA or 0-5V
Measuring Range	Thermocouple: K Type - 2 0 0 t o 1 3 0 0 D e g C J T y p e - 2 0 0 t o
Signal Maximum	Protected for 25mA continuous or 6V DC
Conversion Type	Polynomial Extraction (For temperature measurements)
Programming	Using 6 keys in the front pane
Operating Temperature	0 – 50 °C
Storage Temperature	0 – 60 °C
Humidity	0 – 85% non condensing
Accuracy	+/- 1.5 Deg C
Memory	64 K External Memory for storing Data
RTC	Real Time clock to store date and time of event occurrence
Modes	Stand alone and Data Scanning Mode
Program Variables	Transmitted via Serial port for recording using PC.
Programming Method	RS232/RS485 interface through PC
Housing	Panel mount