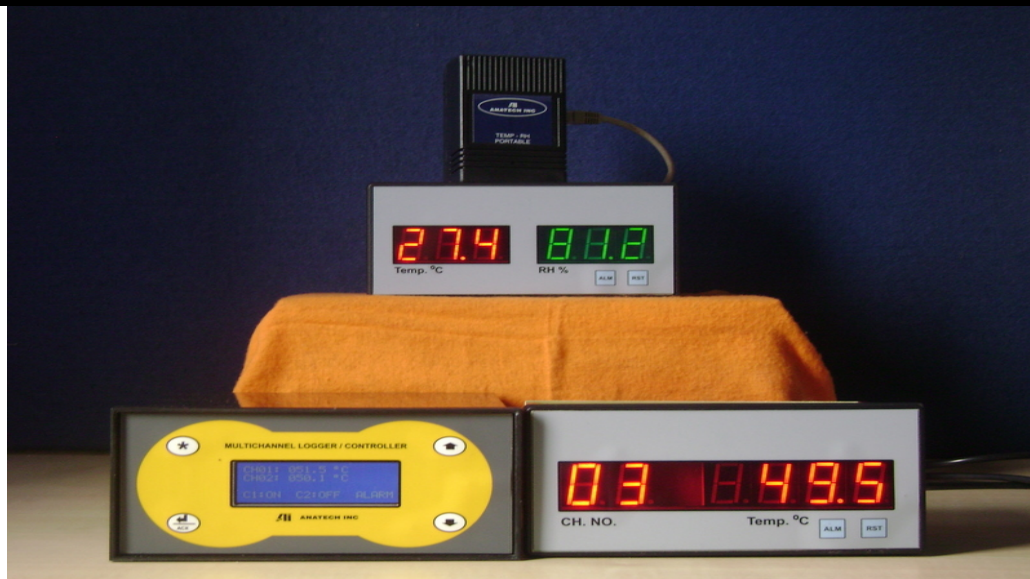


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## 2 WIRE RS 485 DATA ACQUISITION MODULE INTRODUCTION

This is the advance step w.r.t. automation of the plant or concerned department. Local indication, 12 bit resolution & the next generation of earlier 4-20ma or 0-10 v signals transferred through the wires from particular instrument. With RS 485 connectivity you can remove the unnecessary wiring and also serially all the instruments can be connected, w.r.t ID numbers and data of each instrument is transferred digitally on T+ and T- lines. The system comes in the 3 versions , i.e. 8,16,32 channels.

Any kind of process inputs can be integrated to these modules, like rtd, relative humidity, delta p or any other customized inputs.

The alarm modules are available that focus on one particular instrument and provide either an audible or relay output if pre-programmed limits are exceeded.

A software package running on the personal computer uses the hard disk to store the readings. If the computer is turned off, the base station will store the readings in it's own internal memory, & downloaded to the computer next time the computer is powered up.

The standard Win XP based software allows the operator to view the measured values in a number of formats from simple graphs to tabular formats.

This series is designed specifically to be used in a variety of different environments to monitor the changes in Temperature, Relative Humidity, Low Differential Pressure, Process Signals, Lux, Ultra Violet and Volt free contacts.

Examples of such environments are listed below: Museums, Warehouses , Process Measurements , Clean Rooms, Cold Stores, Data storage rooms, SCADA Integration, B.M.S.

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