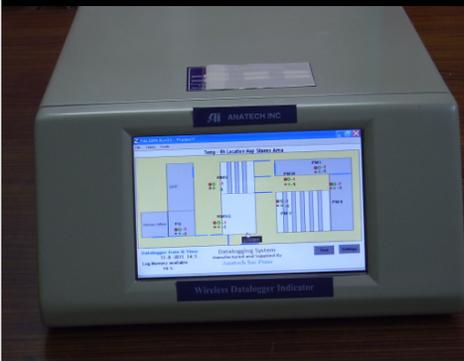


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RADIO TELEMETRY SYSTEM / RADIO LINK TO BASE STATION INTRODUCTION

This series removes unsightly wiring, 100 meter Indoor range, Local indication, & 12 bit resolution.

This is the next generation of Radio Data Collectors. The system comprises of a base station, permanently connected to a personal computer, and up to 4, 8, 16, 32... 256 remote monitoring stations each with a maximum of 2, 4, 8, 16 ... 128 sensors

Any kind of process inputs can be integrated to these modules, Great savings can be achieved over a wired system, both in initial installation costs and also in time saving as the information is gathered right from your desk.

Each remote transmitter is powered by 9v / 12 v adapter. The remote transmitters are available with an optional liquid crystal display (LCD) giving local indication of temperature, relative humidity, delta p or any other customized inputs.

The remote transmitters can be mounted up to approximately 100m away from the base station in a typical building monitoring application, and can be increased up to 500m or more with a repeaters or boosters, (from the transmitter to the base station) . Alarm modules are available that focuses on one particular transmitter 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 of Radio Data Collectors are 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.