



cr-1
wireless

Radiologgers

B A S E S T A T I O N

Typical Applications

- Warehouse monitoring
- Building control
- Laboratory monitoring
- Process monitoring
- Environmental monitoring
- Cold storage
- Remote level monitoring
- Rotating machinery

Options & Accessories

- Remote receiver
- High gain receiver
- Printer interface
- BMS interface
- Control interface
- Network software
- Modem interface for remote access
- Ethernet interface

The base station receives and processes signals from Hanwell radio and wired sensors. These sensors communicate at regular short intervals with this base station, (the cr-1) which logs and stores the data pending transfer to a PC for analysis and archival storage. The cr-1 also provides an interface for the MS1000 control system.

All data from the sensors, whether radio telemetry or hard wired in any combination, is ultimately collected, processed and stored by the cr-1. This can be located conveniently and is designed for continuous monitoring of the entire system.

A 16 x 1 character (desktop version) or 20 x 4 (wall mounted version)

LCD displays the system status . It also signals alarm conditions via the front panel LED'S (should any sensor measure above or below individual pre-set levels). Although the cr-1 has an extensive memory capacity it is intended that the data is transferred to a PC for detailed interpretation and permanent storage. This can be done automatically or manually at any time.

The base station is available in the following configurations:

Desktop (pictured above)

Wall mounted with panel printer option

Rack or panel mounted

Simplified version for direct connection to a PC

Specification

Hanwell Instruments Limited - ISO9001:2000 certified

Dimensions		Alarm indication	Red LED
Controller	204mm x 156mm x 68mm	Comms indication	Yellow LED
Weight	1000 grams	Status indication	Green LED
Case material	Powder coated extruded aluminium	Inputs	
Receiver	190mm x 75mm x 50mm	Radio sensors	Narrow band FM radio
Weight	300 grams	Wired sensors	RS485 Bus (datanet+ compatible)
Case material	Powder coated pressed steel	Outputs	
Receiver cable length	1 metre (longer on request)	Serial / printer	RS232
Power supply	12 volt universal power supply	MS1000 control	RS485
RF channels	2	Alarm	Relay via jack socket
Radio frequency	457.600 MHz (32 channels available)	Expansion port	14 pin ribbon cable connector
Display	1 x 16 line alpha-numeric	Backup supply	2 onboard rechargeable batteries
Environmental rating	IP54 internal use (IP68 available)	Memory	1 MB flash memory



- DATALOGGERS
- CONTROL PRODUCTS
- TEMPERATURE
- RADIOLOGGERS
- HUMIDIFIERS/DEHUMIDIFIERS
- RADIO TELEMETRY

T#: +44 (0) 1992 550078 W: www.hanwell.com