



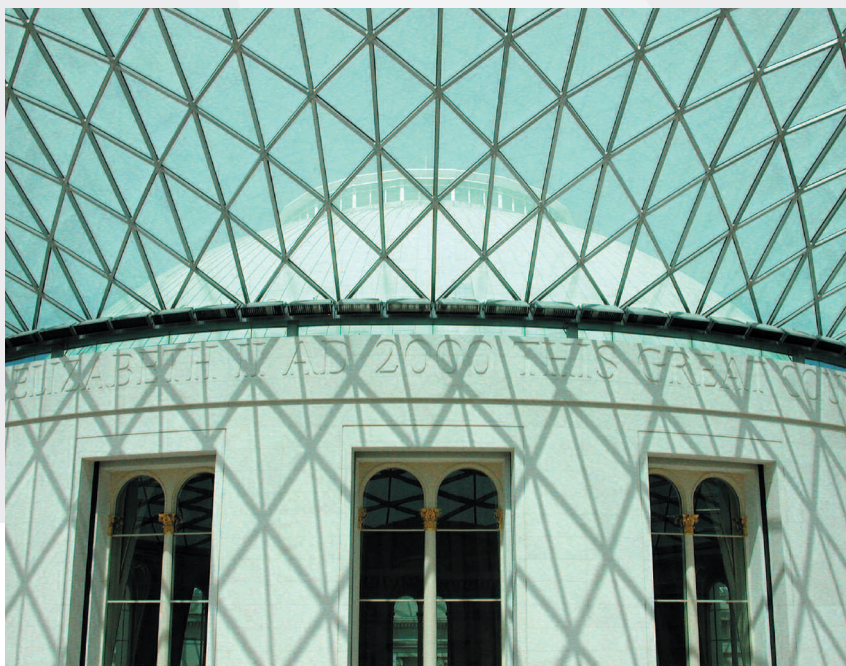
The base station receives and processes signals from Hanwell radio and wired sensors. These sensors communicate at regular short intervals with the cr2, which logs and stores the data pending transfer to a PC for analysis and archival storage. The cr2 also provides an interface for the ms1000 control system.

All data from the sensors, whether radio telemetry or hard wired in any combination, is ultimately collected, processed and stored by the cr2. This can be located conveniently and is designed for continuous monitoring of the entire system. A 16 x 2 alpha-

numeric LCD displays the system status.

The cr2 also signals alarm conditions via the front panel LED'S (should any sensor measure above or below individual pre-set levels). Although the base station 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.

\*Built in GSM modem for remote communications is also available.



## cr2 base station

**Product Code** cr2m

### Typical Applications

- ° Museum monitoring
- ° Building control
- ° Controlling wet heating systems
- ° Controlling electric heating
- ° Operating air handling plant

### Controller

**Dimensions:** 204 x 156 x 68 mm  
**Weight:** 1000 grams  
**Case Material:** Powder coated extruded aluminium  
**Power Supply:** 12v universal power supply  
**Radio Frequency:** 434.075 MHz (32 channels available)  
**Display:** 2x16 line alpha-numeric  
**Environmental rating:** IP54 internal  
**Alarm indication:** Red LED  
**Comms indication:** Yellow LED  
**Status indication:** Green LED  
**Backup supply:** 7.2 volt rechargeable NiMH pack  
**Memory Capacity:** 49152 standard records

### Controller Inputs

**Radio sensors:** Narrow band FM radio  
**Interface:** USB

### Controller Outputs

**MS1000 control** RS485  
**Alarm Relay** via jack socket

### Receiver

**Dimensions:** 100 x 100 x 50 mm  
**Weight:** 250 grams  
**Case Material:** ABS

\* GSM is a factory fit option only.

