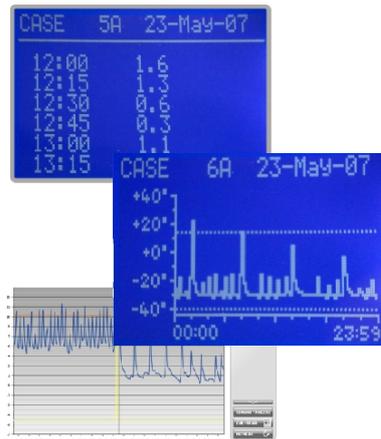




DATAcentre Base Station

Wireless & Wired Solutions

- No software required
- Wireless & Wired Sensors
- Standalone unit with LCD
- Web browser access
- In built storage
- Graphs & data
- Various alarm options
- Optional LAN connection



The standalone monitoring alarm system which can monitor and alarm practically anything; including temperature down to liquid nitrogen levels, humidity, CO2, O2, door status as well as much more.

The system comes with a base centre which can connect to up to 120 wireless sensors and up to 120 wired sensors. You can also have multiple base centres if required.

On the base centre you can view real time and historical data in graphical or text format, view & acknowledge alarms as well as the ability to configure the unit providing you have logged in and have sufficient privileges to do so.

The base centre can store information itself and can have an optional SD card which stores data for up to 5 years.

Optionally connect the base centre to a LAN port in the building, or directly to a PC which will allow remote access to the unit with a web browser locally or from anywhere in the world!

Using a web browser you can connect to the base centre to have an overview of how the system is operating with links to all other functions.

It is also possible to connect a USB device to export historical data. Various file formats can be selected including HTML so that the data can be read using a web browser or in CSV format to import into a spreadsheet.

Each monitored device has a set of alarm thresholds. If the threshold is exceeded and alarm can be generated via the various options

Every alarm is logged internally with the time and date and the value that the sensor reached. Alarm history can be viewed at any time via the base centre or web browser. To complete the audit trail, the unit can be configured so that alarms have to be acknowledged by entering a pass code. The details of the user who acknowledge the alarm is also stored with the alarm event. Any action made by a user which requires a password is also logged.

In the event that the signal from the transmitter is not strong enough to reach the base centre, repeaters modules can be used to repeat or "boost" the signal.

With multiple repeaters the units create a mesh type network, which in the event that a signal path becomes unavailable will automatically re-route via another available path.

In the event of a problem with the base centre, the system can simply be restored to another base centre without the need to re-configure the devices.

The systems can come pre configured so even the user can plug it straight in and get going! Without the need for expensive installations!

There are various levels of access from view only to complete editing and alarm management.

There are various alarm options including visual & audible alarms, auto-dialers, email alarms and connection to BMS systems. You can also connect a printer to the unit. You can also put delay period for each monitored device to prevent "false alarms". Battery life can last up to 5 years for sensors.