



Product Data Sheet

SmartLOG Cems

Emission Reporting GPRS System

Emissions Monitoring Software at you're fingertips

SmartCem Emissions Monitoring Software provides the complete solution to data gathering and analysis on Codel-based monitoring systems.

With a simple installation and set-up routine, the program takes only minutes to load and configure and comes with a comprehensive on-board help feature.

For complete peace of mind the *SmartLOG CEMS* system allows instantaneous online support 24/7.

SmartLOG CEMS is based on GPRS wireless modem technology. It works with the CODEL SmartCEM and SmartCOM for Engineering in any area where there is GSM/GPRS coverage, and forms a permanent link that is connected 24 hours per day. There are no modem initialisation strings - you simply plug it in and the connection is established automatically by the *Smart LOG* unit.

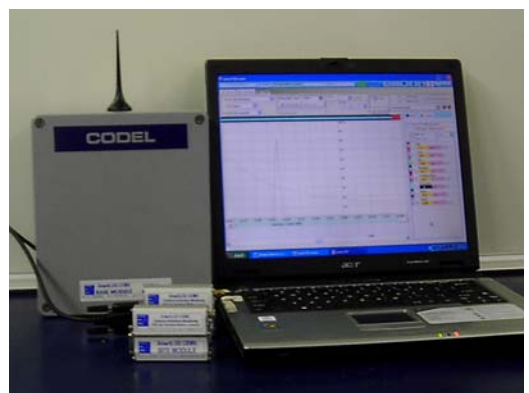
SmartLOG CEMS has a mobile option which allows Engineers and Environmental bodies to monitor on a mobile basis. This means that if Emission levels are exceeded or if Emissions reports are requested by Authorities they can be updated at a touch of a button. Automatic reporting can also be configured to Print in hardcopy as well as being sent on a network. All data can also be backed up on an automatic basis.

SmartLOG CEMS Allows Multi unit communication options. Therefore the Emissions levels can be monitored by the Plant, Codel support staff as well as Government institution. All levels of monitoring and Data acces are pasword protected.

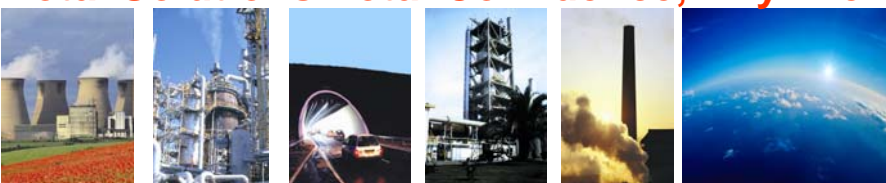
SmartLOG CEMS data transfer package allows real time reporting of Gaseous Emissions via GPRS transmissions. By attaching one unit to the CDC and another to the RS-232 port on the data gathering computer, you set up a virtual RS-232 connection that can transfer data via the GPRS network World wide. The simple plug-and-play operation enables two-way communication between the devices as if there was a permanent cable linked between them. A physical RS232 cable has a maximum specified length of 30m, but with *SmartLog*, you can literally run a 'virtual cable' around the world."

SmartLOG CEMS, eliminates the need to travel to each of the sites after the initial installation, as data can be downloaded, in real-time, from each of the sites. This enables the analysis of the information to be done far more frequently, with better and more timeous reporting."

In addition up to 14 days of data is logged and can automatically be downloaded. This feature is a must in tems of data integrity when hard wired PL/SCADA systems fail.



Total Solutions-Total Confidence, Anywhere, Any time....



TECHNICAL SPECIFICATIONS

GENERAL

- ▶ POWER SUPPLY 5.5-32VDC
- ▶ RATED 650mA @ 5V
- ▶ TEMPERATURE: -20 to + 55 C
- ▶ GPRS CLASS B
- ▶ INTERFACE 9 PIN SUB D

OPTI ONS

- ▶ O Db MAGNETIC ANTENNA
- ▶ RHINO INDUSTRIAL ANTENNA
- ▶ ALLUMINIUM ALLO IP 68
- ▶ 316 STAINLESS STEEL ENCLOSURE
- ▶ LIGHTNING AND SURGE PROTECTION

VARIED FORMAT OF SUPPLY ACCORDING TO APPLICATION REQUIREMENTS AS SHOWN BELOW:

SINGLE & MULTI POINT ACCESS



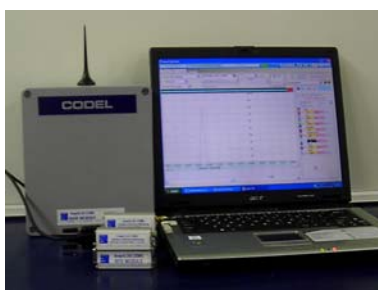
SITE MODULE COMPONENTS



BASE MODULE COMPONENTS



BASE MODLE COMPONENTS (ENCLOSURE OPTION)



MOBILE MOBILE COMPONENTS



CODEL International Ltd.
Station Building, Station Road
Bakewell, Derbyshire DE45 1GE
England
Tel: +44 (0) 1629 814 351
Fax: +44 (0) 8700 566 307
e-mail: sales@codel.co.uk
web site: www.codel.co.uk

Distributor:

