

Technical Datasheet

This is an SMS and auto dialler based remote monitoring system. It is a simple system with six inputs and one output but it has multiple features which make it ideal for monitoring fire pumps and industrial equipment. Two of the inputs can be used as analogue, 0-35v inputs. The inputs can be attached to a common fault or engine running for example to provide remote indication and status of the fire pump house. The inputs can be configured to send a message for on and/or off. All SMS text messages can be customised. The unit can also have a programmable delay time for each input. There is also a repeat facility which can be adjustable, to repeat the alarm SMS after a certain time period.

The power supply can be either from the mains supply or directly from the diesel engine batteries, since the unit is low powered. We can also offer a mains operated unit with a built in battery backup and charger.

The system is housed in a thermoplastic enclosure to IP56 which is intended to be wall mounted. A door mounted DC or AC isolator switch is included to isolate the SMS unit if required, normally during the weekly test period. An external antenna is provided as standard mounted to the top of the enclosure.

Up to 100 phone numbers can be entered for the SMS text messages to be sent too. The unit can be set to poll all phone numbers one by one.

All commands can be changed by specific SMS text message commands.

Specifications: GSN Network: 850/900/1800/1900MHz Quad band (Worldwide)

Options:

AC mains power supply (Type H450), with or with our battery & charger

Test cycle pushbutton , 60 minute timer to switch off the SMS unit, then re-activates automatically.

Input signal volt free repeater output

Twin battery input, with fuse protection and summing bridge rectifier to enable power to be drawn from either battery. (Type H460)

