

TEL-TALE

GSM ALARM SYSTEM

Tel-Tale is a universal system for remote monitoring. Using the SMS service of a GSM network, it allows information transmission of six logical inputs and one logical output. GSM SMS (Short Message Service) messages can be received by a mobile phone.

Upon detecting a logical input, the unit transmits directly to a GSM base station, which in turn communicates with up to 10 mobile phones and reports the event that has occurred. There's no need for a landline, and the system, although usually mains-powered, incorporates battery back-up to allow it to run for several hours in the event of a power failure.

The system is sufficiently versatile to enable it to be used in a variety of applications and is capable of being used with level switches, thermostats, proximity switches, light detection, humidity sensors - in fact any type of switch sensor can be used being either powered or volt-free.



APPLICATIONS

A few examples of where the Tel-Tale could be utilised...

- Pumped systems - sewage, pressure boosting
- Temperature monitoring
- Tank level monitoring
- HVAC equipment monitoring
- Building and perimeter security
- Wireless outstations for flood warnings
- Plant and process monitoring
- Leakage monitoring
- Level, pressure and flow monitoring



The example shown in the picture shows how the system has been successfully utilised at a sewage pumping station. The Tel-Tale will send a text message to up to 10 recipients upon any pump failure, power supply failure or tank level fault.

SPECIFICATIONS

Supply Voltage:	230V and 400V versions available
Power Consumption:	3.6W nominal
Back-up power:	6 hour internal battery backup in the event of power failure
System:	Dual band GSM900 & GSM1800
Communication method:	SMS (short message service) text message
Inputs:	8 digital (please note some network SIM cards only support 6 inputs)
Outputs:	1 powered for driving external relay (4W max coil power)
I/O & power connections:	Via screwed terminals
Programming:	Via SIM programmer and Windows based software
SIM:	Compatible with any pay-as-you-go network SIM.
Aerial:	External magnetic-mount antenna with 3m extension cable
Enclosure:	White epoxy coated mild steel with removable access cover
Protection:	Class 1 IP40 (additional protection required for outdoor use)
Operating Temperatures:	-5°C to + 45°C
Dimensions:	250 x 230 x 80 (L x W x D)
Total Weight:	3.8kg

The possibilities are endless! The Tel-Tale is compatible with any system where a switch-sensor can be used to detect a change in state. The text message relating to each fault can be easily adjusted using the windows based software thus allowing future modifications and additional equipment to be added. The system is tamper proof and economical to operate with text messages as low as 5p per transmission with no fixed line standing charge. For more information, please visit www.tel-tale.com or call us on 01502 500646.