GSM Alert System

GSM Alert system from G-Tek is a versatile alert system to inform about the event through SMS and voice over GSM network. It can take up to 15 potential free inputs and on alert can inform up to 20 nos. GSM alert system can be easily integrated to your existing system if you have one potential free contact. Since GSM Alert System has, a common to all relay output, the buzzer or hooter connected to your existing system can be transferred here for seamless performance. Configuration of Alerts, Message for alert, recording of voice, priority of alerts all are fully programmable using USB interface. It has a built-in memory to store the time of occurrence of the alert, when the SMS/Voice was send and to whom it was successful / not successful. The memory is a rollover type and it can store up to last 1500 events. Standard / 21CFR Part II compliant GSMViewLog™ is a perfect companion for statutory compliance.

Key Features :

- Signal strength checking
- Up to 20 contact numbers
- Up to 15 alert messages and 4 different voice calls
- Settable Alert priority
- Field programmable message strings and voice recording
- Alert log details
- Remote Arming , Disarming and Partial Disarming
- External Battery Backup
- Rollover memory
- Relay output for connecting to hooter
- LED status indicators

Specifications:

Input

No of Alert inputs	5 / 10 /15
Type of input	Potential free contact

Voice and Messaging:

Mobile System	GSM
No of Mobile Phones where SMS / Voice messages can be send	5/ 10/ 15/ 20
Setting of Mobile Nos	User Configurable
Alert messages	User Configurable
SMS Alerts	Each Maximum of 135 characters long
Voice Recording	Through Built-in Microphone
No of Voice Messages	0/1/ 2/ 3/ 4
Arming / Disarming / Partial Arming	Through SMS

Display and Operator Panels :

Display Type	LED for status and Error
Status Indicator	Status – Device health
	Network – Healthy / Failure
Panel Keys	Two Keys to Test the System and Reset the Alarm condition

Environmental:

Temperature	(Operation) 5°C to 45°C
	(Limiting) 0°C to 50°C
	(Storage) -20°C to 60°C
Humidity	(Operation) 10 to 80 % RH Non Condensing
	(Storage) 5 to 90 % RH Non Condensing
Altitude	<2000 meter

Power Requirement:

Supply Voltage (Mains Operated through adapter)	85-264V AC 47-63Hz
Battery backup	Yes
DC Adapter Operated	Yes /12 - 16VDC/1A
Power	12W Max With Maximum Configuration
Fuse Type	None

USB:

Communication	USB 2.0
Protocol	Proprietary

Battery Backup :

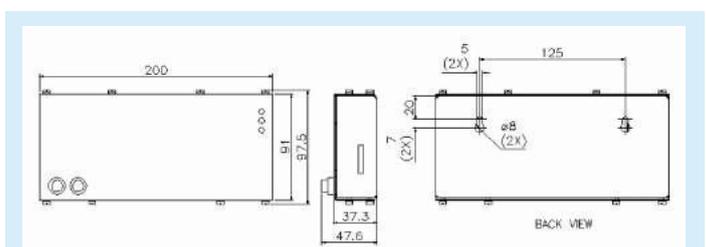|	
Battery	4x1.5V AA Ni-MH rechargeable battery
Battery Charger	Yes; Built–in with Overcharge, Over temperature; Over discharge protected
Battery Reverse Polarity	Protected
Minimum Back up	18 Hrs.

General:

Termination	Non Interchangeable , Removable Plugs, Individual For Each Input
Data Storage	Non Volatile Flash Memory For Parameter and data Storage
No of Data Storage	Last 512 / 1024 / 1536 records of error logs

Safety :

Safety	IEC 61010-1
Pollution Degree	II
Installation Category	II
Vibration	NA
Shock	NA

Relay Output Details :

No of Relay Output	1
Output Type	Potential free contact, 1 Form C
Life expectancy	Mechanical: 10^7 operations
	Electrical: 10^5 operations
Load	1A, 230VAC resistive
Relay refresh rate	Common to all; On occurrence of Alert and remains ON until reset
Isolation Relay Contact - GND	1.5 KV 1 Minute

Overall Dimension(approx) :

Dimension L x W x D (mm)	200 x 90 x 35 approx
Mounting	Wall;

GSM Alert System

GSMViewLog™

G-Tek's GSMViewLog™ software is a Windows based software for downloading , viewing, reporting and configuring GSM Alert System.With the help of this software user can set various parameters like phone nos; alert messages, configuration of alarm etc. User can download the stored data in memory and generate various reports in PDF format.

Select your ORDER Code:

☐☐☐☐☐☐☐ – ☐☐

Example ORDER Code: 7 0 0 0 0 0 3 – 0 1

Easy to Use:
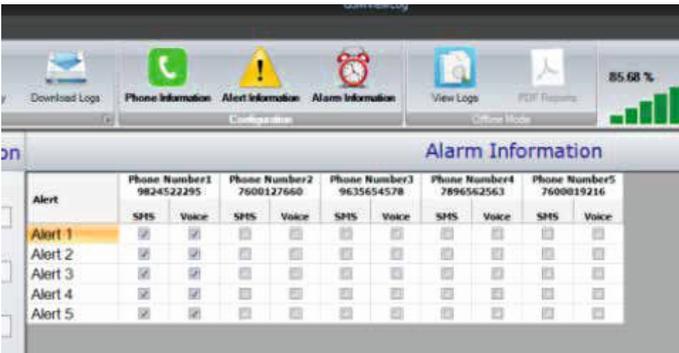Intuitive few icons to work with.

Set Alert Information:
Set the SMS Alarm message text here. You can set the priority of alert.
You can set appropriate voice message number for each alert.

Configure Alarm:
Configure the numbers to receive SMS and / or Voice call for each alert.

Easy to set Phone Book Entry:
Set the phone numbers where you want to receive the SMS / Voice message here.

Code : Series
   7 : GSM

Code : No of Alerts
   1 : 5

Code : GSM Inferface
   1 : Voice + Message

Code : No of Voice Messages
   1 : One

Code : Power
   1 : 12V DC, 1A with Battery Backp

Code : Alarm
   0 : None
   1 : Buzzer
   2 : Buzzer + Relay

Code : PC Interface
   3 : USB

Code : No of Mobile Contacts
   0 : 5
   1 : 10
   2 : 15
   3 : 20

Code : Number of record Storage Capcity
   0 : 0
   1 : 512
   2 : 1024
   3 : 1536

Dealer / Representative
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The specifications given above are an overview, and may be or may not be available in all product variants, or at an additional cost. The company reserves the right to change the specifications without prior notice, as the company follows a continual improvement philosophy for its products.

CE

MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001-ISO 14001

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