

SMS GSM Alarm Messenger



- ☑ Data Logging
- ☑ Alarm Input
- ☑ Relay Output
- ☑ Voice
- ☑ Temperature
- ☑ Humidity
- ☑ Analog Input

Capture and Send Data via SMS
Report triggered alarm via SMS
Output triggered via SMS
Auto pick up for voice monitoring
Built-in temperature sensor
Built-in humidity sensor
Capture Analog Channels

GSM Module Integrated

Data Capturing

- Data Capture via 2 x Analog Digital Channels
- Automatic data report via SMS on programmable schedule
- Data report via SMS when receiving SMS command
- Automatic SMS alerts when data is above or below the preset levels
- Low operating voltage alert SMS



Door Contact Alarm is triggered



Alarm Input

- 8 x Alarm Inputs
- 4 x Phone Numbers Alarm Dial Out
- Arm/Disarm by SMS
- Programmable SMS text
- Automatic send SMS to mobile phone when alarm is triggered

Temperature Humidity Sensor

- [SMS Pro-S] Built-in Temperature sensor
- [SMS Pro-SH] Built-in Temperature & Humidity sensors
- SMS Alert on high or low temperature
- SMS Alert on high or low humidity
- Auto temperature & humidity report via SMS



Relay Output

- 3 x Relay Outputs
- Alarm Triggered or SMS Control
- Control by mobile phone SMS
- Programmable Relay Time Lapse Control

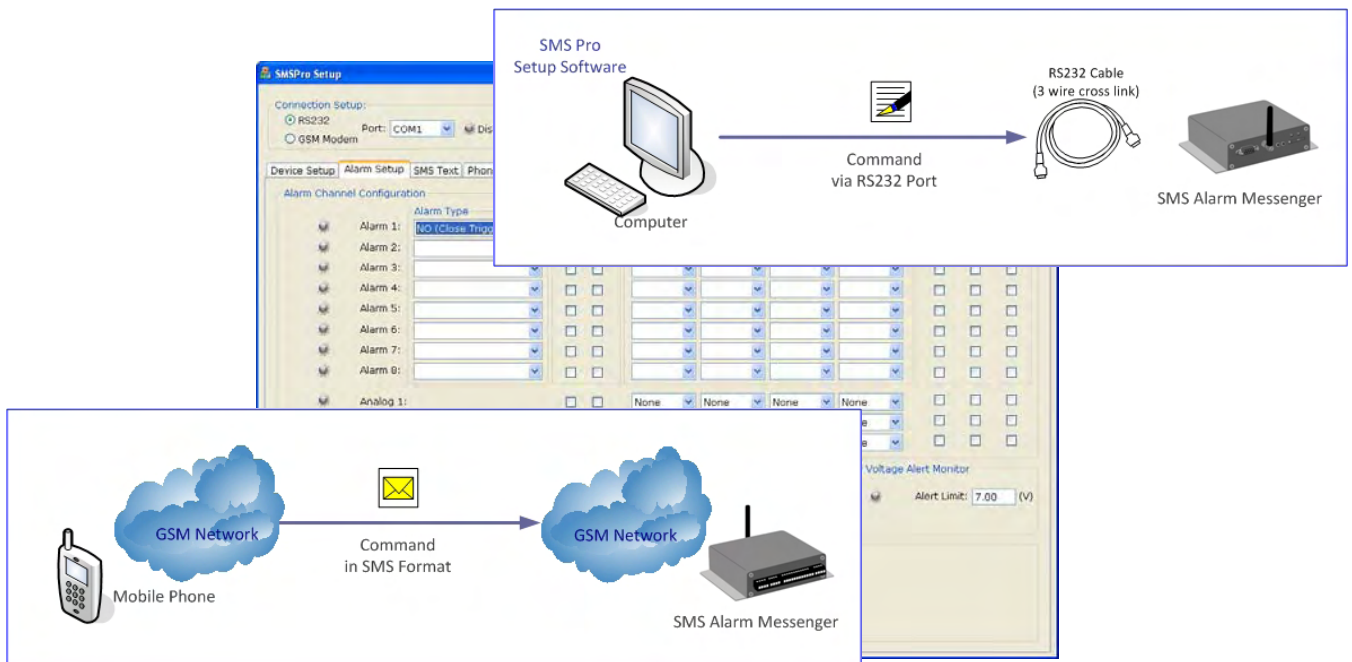


Voice Monitoring /Voice Broadcasting



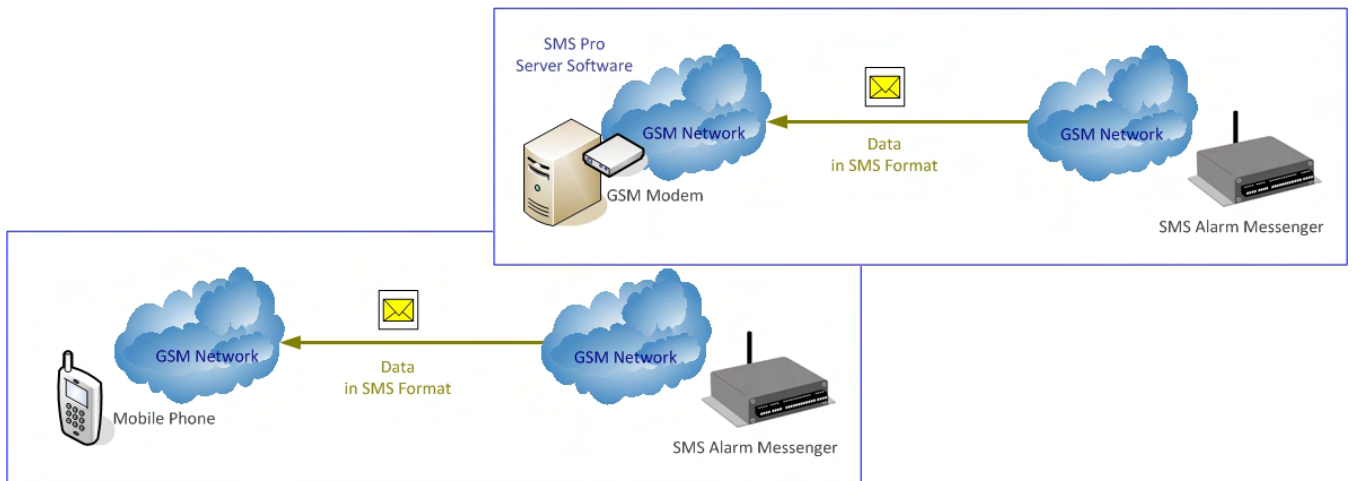
Easy Setup SMS Alarm Messenger

- SMS Pro-X is equipped with a RS232 serial port for communicating with PC.
- PC Software "SMS Pro-X Setup" is bundled free for configuring the device with Windows based PC.



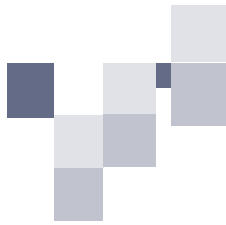
How to receive the alarm SMS?

- Using PC with SMS Server software, all SMS will be maintained in database.
- User will receive the alarm SMS with mobile phones simultaneously.



Application:

- Intelligent Home Security
- Commercial Alarm Security
- Data Centre temperature monitoring
- Rural Area Security
- Data Collection in remote location, harsh condition or rural area
- Remote Industrial Equipment Monitoring
- Rural Equipment Monitoring e.g. Power Plant



More Choices for you!

SMS Pro-SH



GSM Data Logger

Data / Voice / SMS / Alarm / Temp & Humidity Sensor

SMS Pro-SH is the GSM Data Logger integrated with temperature sensor built-in. In addition to standard features of SMS Pro-X, it captures the temperature and humidity data detected by the internal sensor, reports the data, sends alarm SMS when temperature or humidity is over or below user programmable values.

* 8 alarm inputs, 3 x relay outputs, voice input, 1 x temp sensor, 1 x humidity sensor

SMS Pro-S



GSM Data Logger

Data / Voice / SMS / Alarm / Temp Sensor

SMS Pro-S is the GSM Data Logger integrated with temperature sensor built-in. In addition to standard features of SMS Pro-X, it captures the temperature data detected by the internal sensor, reports the data, sends alarm SMS when temperature is over or below user programmable values.

* 8 alarm inputs, 3 x relay outputs, voice input, 1 x analog channels, 1 x temp sensor

SMS Pro-QX



GSM SMS Alarm Messenger

Data / Voice / SMS / Alarm

SMS Pro-X is the most advanced GSM Data Logger integrated with GSM Dual Band Module (900/1800MHz). It captures data, monitor alarm inputs, sends alarm messages and data by SMS to mobile phone over the GSM network.

* 8 alarm inputs, 3 x relay outputs, voice input, 2 x analog digital channels

* Quad Band GSM Module

SMS Pro-X



GSM SMS Alarm Messenger

Data / Voice / SMS / Alarm

SMS Pro-X is the most advanced GSM Data Logger integrated with GSM Dual Band Module (900/1800MHz). It captures data, monitor alarm inputs, sends alarm messages and data by SMS to mobile phone over the GSM network.

* 8 alarm inputs, 3 x relay outputs, voice input, 2 x analog digital channels

SMS Basic



GSM SMS Alarm Messenger

SMS / Alarm

SMS Basic is the GSM SMS Modem integrated with GSM Dual Band Module (900/1800MHz) providing the basic functions. It detects alarm inputs, triggers the relay outputs, sends alarm messages by SMS to mobile phone over the GSM network.

* 8 alarm inputs, 1 x relay outputs

SMS Demo Unit



GSM SMS Demo Unit

Demonstration Purpose

It is designed for portable demonstration. Rechargeable battery is installed for the 9VDC power supply, and on/off switch, LED are designed for showing the operation of GSM SMS Alarm Messenger.

* 1 x rechargeable battery, 2 x on/off switch, 2 x LED

SMS GSM Messenger is designed and integrated with a 16 bit MCU and reliable Siemens GSM module.

Features

- ◆ Alarm Report by phone dial & SMS alarm message
- ◆ SMS alarm message text programmable
- ◆ Independent text message for each alarm
- ◆ Configuration setup by GSM mobile phone or PC (RS232)
- ◆ Arm/Disarm by GSM mobile phone
- ◆ Relay triggered by Alarm or SMS command
- ◆ Sound monitoring connecting to microphone
- ◆ Alarm Alert Modes – SMS, Phone Dial or SMS & Phone Dial

Alert

- ◆ GSM Network signal strength detection and alert
- ◆ Automatic Health Status report to GSM mobile phone
- ◆ Automatic power supply voltage level checking
- ◆ Automatic reporting on low power voltage level
- ◆ Alert message when analog inputs are higher or lower than preset values
- ◆ Reply message verifying the receipt of each command

Utility

- ◆ Windows Setup Software bundled free

Specification

- 2 channels x Analog / Digital Inputs
- Programmable high/low threshold values
- 8 x Alarm Inputs N/C, N/O, State Change
- 3 x Relay Outputs, NC/NO
- 4 x Mobile & Fixed Phone Number
- 2 x Central Station monitoring number
- Pro-S: Temp Sensor (1~100°C)
- Pro-SH: Humidity Sensor (1~99 RH)

Operation

Power Input:	DC8~15VDC, 1A
Send/Receive SMS:	500mA
Standby Mode:	50mA
Max. Rating:	<2A
Digital I/O:	DC8~15V
Analog Input:	4~20mA
Operating Temp:	-30 ~ 70 °C
Standby:	-45 ~ 85 °C

Key Points

Features	Basic	Pro	Pro-X	Pro-SX	Pro-ST	GSMS-THR-X	GSMS-THR-SX	GSMS-THR-ST
Alarm Input	8	8	8	8	8	8	8	8
Relay Output	1	3	3	3	3	3	3	3
Alarm Phone Number	8	8	8	8	8	8	8	8
Centre Number	2	2	2	2	2	2	2	2
Low Voltage Alert	SMS Alarm	SMS Alarm	SMS Alarm	SMS Alarm	SMS Alarm	SMS Alarm	SMS Alarm	SMS Alarm
Program by SMS	✓	✓	✓	✓	✓	✓	✓	✓
Program by PC Software	✓	✓	✓	✓	✓	✓	✓	✓
Analog Channel	-	-	2	0	0	2	0	0
AD Hi / Lo Alert	-	-	SMS Alarm	-	-	SMS Alarm	-	-
External Temperature Sensor	-	-	-	1	2	-	1	2
External Humidity Sensor	-	-	-	1	-	-	1	-
Temperature Humidity Hi / Lo Alert	-	-	-	SMS Alarm	SMS Alarm	-	SMS Alarm	SMS Alarm
GSM Band (MHz)	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900	900/1800 850/1900
Internal AC/DC Power Adaptor	-	-	-	-	-	✓	✓	✓
AC Loss Alert	-	-	-	-	-	SMS Alarm	SMS Alarm	SMS Alarm
Internal Rechargeable Battery	-	-	-	-	-	✓	✓	✓