



Registration Number S0231-17

Securitex Industrial Wireless Smoke and Heat Detection Alarm System

What is a Securitex 3G Smoke & heat Detection Alarm System?

What is a 3G Smoke and Heat Alarm System some people may asked. Securitex 3G S&H alarm system is a system that when detect smoke and heat the system will activate an alarm and at the same time sent out distress signal to the monitoring key personnel through the 3G network to their mobile phone.

Why is Securitex 3G Smoke & Heat Alarm System needed?

This system are designed and installed to detect smoke in a premises where the running of the signal cable to the monitoring station is not possible. It is also a mean of system for fast deployment in area where smoke and heat can be generated and it need to be monitored.

Where these system will usually installed and deployed?

This system are commonly installed in area. Example. Stores. Warehouse. Data centres. Underground facilities. Boiler room etc. where possible of smoke and heat can be generated and need to be monitored.

Is Securitex 3G Smoke and heat Systems Designed and Manufactured in house?

Securitex Wireless Technologies Division, designed and built all type of wireless Alarm system locally in Singapore using imported parts from USA. UK. GERMANY, Korea, Japan and many parts of the world. We also do engage 3rd party to design and built such system for us. From a Simple alarm system to an emergency system to 3G portable fire protection system, to RF wireless system to even 3G network SMS system etc. As this systems are designed and built in house, we are able to meet client all kind of request and needs.

What is the advantage of the 3G and 4G Smoke and Heat Alarm system compare to a standalone system?

Our latest 3G/4G system delivers extra feature (Optional) that can allows the monitoring officer to pin point the location of the smoke and heat area, we can sent the distress signal over a very large area and even cross boarder and country. We are able to integrate the system to specially designed MIMIC Call Display Panel etc. With the 3G/4G system we are able to send the distress signal via specially preconfigured SMS (Short Message Sent) to numerous monitoring station and officers including mobile ground crew. The 3G/4G system can also activate emergency rescue equipment to contain the situation before help arrived.

Do Securitex built Explosion Proof / ATEX or intrinsically safe smoke and heat Systems?

Yes we do such system with our overseas partners specializing one Explosion Proof equipment.

OVERVIEW

3G Network Control Interface Integration

With the 3G network Interface to the S&H-DS-A1019UK we are able to further improve the system that it can be integrated to the mobile phone to receive message status of the activation and also to operate the Duress system using the mobile phone and special pre-designed apps on IOS and Android. The 3G Network Control Interface is IMDA type approved, this system can be use in Singapore anytime and anywhere.

Wide coverage of **3G networks** and the provision of **GPRS connectivity** have made it possible to interconnect systems wirelessly. SECURITEX SRTU5025W-IG exploits the benefits of this wireless technology and gives you control of your remote units from any part of this World. All-in-all SECURITEX SRTU5025W-IG is an advanced, effective and economical solution for fulfilling the needs of remote monitoring and control applications.

Features:

Specifications

3G Band 900/2100MHz default

850/1900MHz *

850/2100MHz *

STRU5025W-IG 3G

3G-WCDMA-900/2100Mhz UMTS

Digital Input: 2 NC/NO dry contact

Digital Output: 1 Relay, 3A/240VAC, 5A/24V DC

Siren Output: 12VDC/1A

DC Power supply: 9~24VDC/2A

Power consumption: 12V input Max. 50mA/Average 25mA

SIM Card: Support 3V SIM Card

Antenna: 50 Ω SMA Antenna interface

Temperature range: -20~+60 °C

Humidity range: Relative humidity 90%

Backup battery (Built-in): 3.7V/900mAH

Authorised user: Up to 999 authorized phone numbers can be configured at the specified time for access control and some customisation usage.

No Call Charge: No call charges. Reject calls from authorized number then carries out the turn ON/OFF action on the first 'ring'.

Secured: Using Caller-ID for verification, unknown phone calls are ignored.

SMS confirmation: SMS confirmation of relay actions (door open) to the owner or authorized caller number.

Logging: Up to 1000 events log, download the operation historical data by USB or over GPRS.

The smoke and heat detector can be connected by cable to the Securitex 3G network Interface S&H-DS-A1019UK or it can be link by 433MHZ RF to the S&H-DS-A1019UK

PROGRAMMING

The programming of the transmitter to the receiver is by synchronized the transmitter and receiver dipperswitches accordingly. Securitex Remote control (LPT) LCP0433 TX-RX

Installation instruction

Red + (12V DC or AC 24V)

Black - (0V)

Brown Channel 1 (Transmitter Button 1)

Gray Channel 2 (Transmitter Button 2)

White COM

Blue Antenna

Frequency band : 433.05-434.79MHz REG: N2419-15

TECHNICAL DATA

Model Number: LCP0433 TX-RX-N2342-15

Power supply (Receiver): 12Vdc /24Vac

Power supply (Transmitter): 12Vdc

Transmitter size: 57mmX33mmX15mm

Receiver size: 115mmX82mmX30mm

Power Consumption during transmission: 17mA Selectable channels 2

Possible combinations: Approx. 1024

Range under ideal conditions: 50 meter

Receiver Relay contact: 120V-10A 240V-7A

Operating temperature: -20÷+50°C

If you would like to order or for any inquiries, just send us an email sales@securitex.com.sg with your order information and system request

NOTE:

Securitex Electronic Systems Engineering can designed and built 3G smoke and heat system/ Duress / Emergency / Lone worker / Dead Man Alarm & Man Down system etc control and announcement panel for use on monitoring of 1 user to hundreds of user. This Control Panel are usually install in Manned Control Room to monitor all the lone worker or user that may be in harm way in their cause of work. We are able to design and custom made system that uses 3rd party Smart phone Apps install in their smart phones to communicate with this Control Panel. **Above description, specification, design etc are strictly subjected to change without notice.**



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Securitex Electronic Systems Engineering

Block 9010 Tampines St 93 #04-145 Tampines Industrial Park A Singapore 528844 Tel: +65 67852171 Fax: +65 65850107

Email: sales@securitex.com.sg