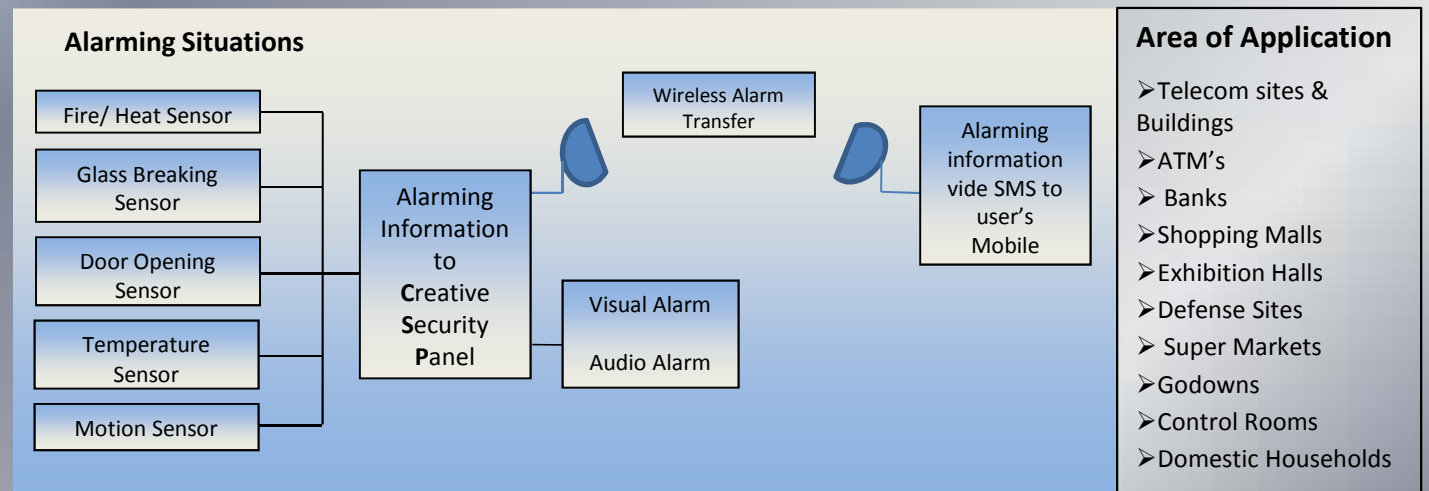


MicroSystem Engineers

CREATIVE SECURITY PANEL



MicroSystem Engineers (MSE) is a strong pioneer involved in providing embedded solutions & reliable products to the customers, employing a dedicated R&D shell for customized engineering.

Premises security is the most significant task for every home or industry. To get the absolute peace of mind whether you are present or away from premises, you must ensure that your premises is installed with the perfect security monitoring system.

MSE introduces micro-processor based SECURITY PANEL (CSP) which is equipped with fire alarm, heat alarm, door sensor, motion sensor and glass break detector. It can protect your family & belongings from Theft, Fire accidents, Unwanted entries & unauthorized intrusion.

System can be integrated with GSM modem and can send the alarm information to three different set mobile numbers. The product is wall mountable and sleek in design and operates on 230V AC mains. It is fitted with battery, which may support for 12-14 hours. The product engineering is failsafe to detect the sensor fail or wire break in system.

Above shown is block diagram of CSP with available alarming situations & type of alarms.

Salient Features

- Highly reliable & easy to install
- Wireless interface between sensor & CSP as option
- Motion sensor to detect small movement OR pet immunity detection up to 18 kg as option
- Alarm in case of high temperature or fire
- Alarm in case of Door opening or glass breaking situations in absence of user
- Battery back-up in case of power failure
- Potential free contacts to extend audio-visual alarm
- Remote data transfer to control room & alarm vide SMS to user's mobile
- All alarms can be programmed as per user's requirement.
- CSP can be installed along with user defined no. of sensors for available alarming situations
- Programmable Alarm verification time for Heat & Fire alarm with default set of 10 sec. & 60 sec. respectively

Technical Specifications

Input Supply	– 230 VAC/ 50 Hz
Aux. Supply	– 24 VDC
Input Signals	– Fire/ Heat Signal; Glass Break Signal; Door Open Signal; Temperature Signal; Motion Signal
Output Signal	– PFC for Fire Alarm; Door Alarm; Glass Break Alarm; Motion Alarm; Temperature Alarm; Common Fault; Hooter (Audible Alarm); Lamp (Visual Alarm)
Display LED's	– 3 Digit Display for Temperature – Power ON (Green) – Common Fault; Door Open; Glass Break; Fire; Heat; Motion (Red)
Control Function	– Hooter Mute; Reset; Function Test; Arming/ Disarming of Door Alarm