



The **V5 HyBrid Fire Alarm Panel** provides many flexible choices from basic conventional (non-addressable) panel to advance hard-wire addressable panel / systems.

The basic conventional panels are available from 4 to 136 zones. The design is compact, attractive, user friendly and highly scalable. The panels are built with well proven solid state technology for long term cost effectiveness.

Operation and maintenance of the panel are provided with general frontal indications and colour coded switches. The specific fault indications are mounted behind the front indications.

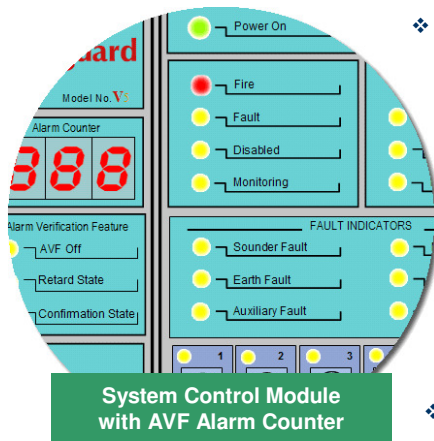
It is able to work with most conventional fire alarm system (panels & devices) thus allowing stage by stage system upgrades and eliminate vendor lock-in problems.



Applications:

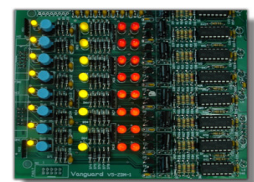
Vanguard V5 HyBrid Fire Alarm Panel is suitable for use in commercial complexes, schools, car parks, hospitals, hotels, warehouses, factories, data centers, condominiums etc

Benefits:



- ❖ **Compatibility** : works with many other make of equipment, panels and devices
- ❖ **Flexibility** : wide range of auxiliary panels to meet each requirement. e.g.: Fire Extinguishing, Smoke Control, Pre-action etc.
- ❖ **Wide range of detectors** : works with all approved makes of conventional detectors
- ❖ **Low maintenance cost** : system can be maintained and serviced by fire servicing contractors
- ❖ **Alarm interlocks** : general sounder silencing and system resetting for system with multiple panels
- ❖ **Ease of use** : simple one touch operation - easy to learn and reduces errors

- ❖ **Diagnostic facilities** : informative diagnostic LED indicators for easy identification and rectification of faults
- ❖ **Reliability** : system designed with proven solid state detection technology
- ❖ **Local manufacturer support** : system designed and supported locally by highly experienced support team
- ❖ **Compliance** : BS EN 54 Parts 2 & 4 :1998 and SS CP-10:2005
- ❖ **Approval** : PSB Listed (4 to 136 zones)



Solid State Technology

The **Vanguard V5 HyBrid Fire Alarm Panel** provides many flexible, user friendly features that overcome the limitations found in today's conventional fire alarm systems. Its Performance, Reliability, Versatility and Unique Features greatly improve operational efficiency and productivity.

Various upgrade options are available to enhance the fire alarm system such as:

Auxiliary Status and Control Module provides addition indicators and control switches to be added to the panel for easy identification and control.

The **Alarm Verification Feature** greatly reduces the disruption caused by unwanted false alarms.

The **LCD Display Unit** automatically records the fire and alarm events with date and time, eliminating inaccurate or missing records due to human errors.

Networking facility of the LCD Unit allows up to 32 panels to be networked and monitored from one centralized location. Zone (and device address, if hardwire addressable option is implemented) can be identified from the Main Alarm Panel thus reducing response time.

Graphic User Interface guides duty staff to area in alarm in the shortest time possible. The Graphics User Interface also records events with date, time and operator information. The event storage capacity is only limited by the capacity of the hard disk of the PC. Various reports can be generated for post event analysis to help identify the cause and take preventive measures against future disruptions.

Upgrade Options:

Auxiliary Status and Control Module

- Provides additional indications
- Provides additional control switches

LCD Display Unit

- Records up to 999 alarm and fire events on site
- Indicates panel, date & time of event
- Stores events in memory
- Displays events in other Panels in networked panels
- Password protected

Alarm Verification Feature

- Reduces false alarms
- Records the no. of intervention
- Displays current status of AVF

Graphic User Interface

- Centralize remote display, logging and reporting
- Displays location map of affected location
- History log for alarm management

