



Vanguard V5 Advance Fire Extinguishing 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 1 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.

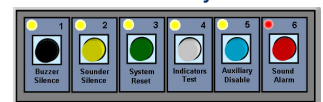
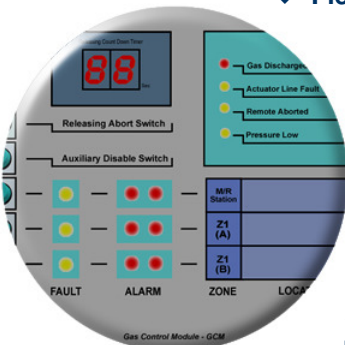
It is able to work with most water / gas extinguishing system (FM200, Inert gas, CO2 & water mist etc.) and comes complete with Cross Zone Detection, Voting Logic Circuit (option), two digit countdown display and multiple zones with individual or common firing circuit.

Applications:

Vanguard V5 Advance Fire Extinguishing Panel is suitable for use in data centers, computer room environment, telecommunication exchange facilities, engine / equipment room etc.

Benefits:

- ❖ **Flexibility:** Wide range of auxiliary functions to meet each requirement e.g. AHU shut down, exhaust fan activation, equipment function remote status monitoring etc.
- ❖ **Low maintenance cost :** System can be maintained and serviced by fire servicing contractors
- ❖ **Wide range of detectors :** Works with all approved makes of conventional detectors
- ❖ **Logic network capability :** Network logic circuit for various mode of cylinder gas release with multiple zone detection
- ❖ **Ease of use :** Simple one touch operation, easy to learn and reduces errors

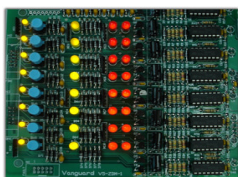


Easy to understand buttons and indicators

- ❖ **Alarm interlocks :** General sounder silencing and system resetting for system with multiple zone panel
- ❖ **Diagnostic facilities :** Informative diagnostic LED indicators for easy identification and rectification of faults
- ❖ **Facilities :** Two digit timer countdown display, remote / local manual release & abort functions, 1st & 2nd alarm auxiliary output etc.
- ❖ **Reliability :** System function are highly supervised and 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, SS CP-10:2005
- ❖ **Approval :** PSB approved (1 to 136 zones)



Digital countdown timer



Solid State Technology



The **Vanguard V5 Advance Fire Extinguishing Panel** provides many flexible, user friendly options that overcome the limitations found in other fire extinguishing systems. Its **Performance, Reliability, Versatility and Unique Features** greatly improve operational efficiency and productivity.

Various upgrade options are available to enhance the fire extinguishing panel such as:

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

The **LCD Display Unit** automatically records 1st and 2nd Detection, Manual Release and System Discharge event of each zone with date and time stamp, eliminating inaccurate or missing records due to human errors. The zone and device address, (if hard-wire addressable option is implemented) can be identified from the Extinguishing Control Panel.

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:



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

Auxiliary Status and Control Module

- Provides additional indications
- Provides additional control switches

Graphic User Interface

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