



DeTekion
Security Systems, Inc.



V-ALERT

PERIMETER INTRUSION
DETECTION SYSTEM

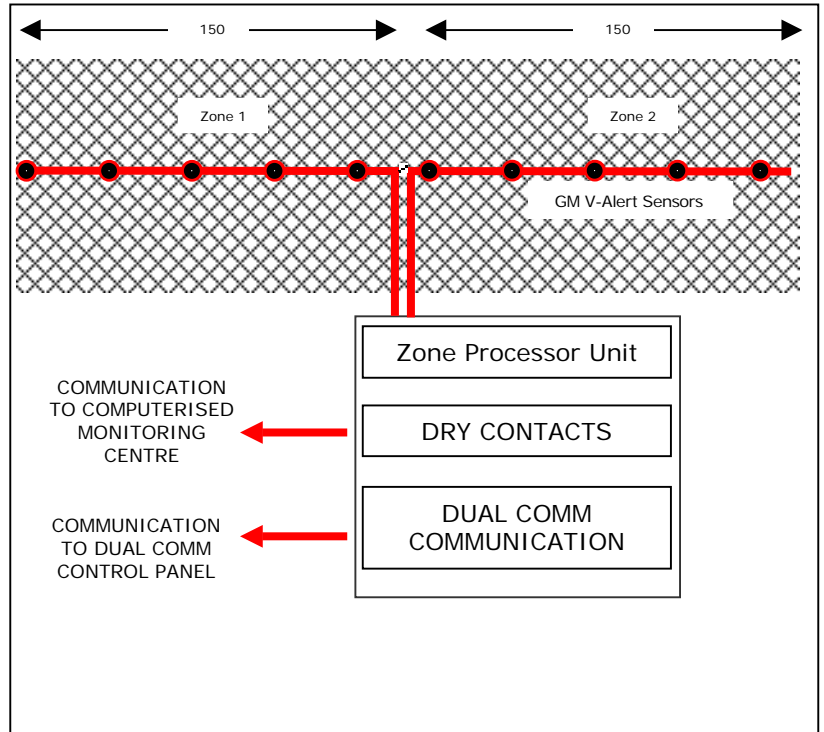
V-Alert Purely Electronics
**For FENCE and WALL
mounted applications**





FENCE and WALL MOUNTED SYSTEMS

- ⦿ Sensor with NO MOVING PARTS
- ⦿ 3 m Alarm Detection Resolution
- ⦿ V-Alert Sensors – electronic card enclosed in epoxy housing - each Sensor has unique electronic ID
- ⦿ 2 Zone Processor Unit
- ⦿ Microprocessor controlled system ADAPTS to changing environmental conditions
- ⦿ Monitors signals generated by movements caused by an intruder attempting to cut or climb the perimeter fence
- ⦿ Low Cost of INSTALLATION
- ⦿ Enhanced RELIABILITY
- ⦿ DETECTS attempts to break through WALLS



System Features

The V-ALERT VIBRATION SENSOR SYSTEM is an advanced intrusion detection system used in a wide variety of outdoor perimeter security applications.

The V-ALERT system is designed for installation on most types of metal fences and is also applicable for installation on walls and electric security fencing wires.

The system consists of V-ALERT sensors spaced 3 m apart (standard configuration) connected to a Zone Processor Unit.

The system is designed to detect intruders attempting to cut through or climb the perimeter barrier. The sensors detect changes in the movement of sensors caused by cutting or climbing of the metal fence fabric, or in the case of walls, attempts to break through the wall.

The status of each individual electronic sensor is monitored electronically and analyzed by the Zone Processor Unit. The system detects changes in the status of individual sensors in comparison with adjacent sensors thereby enabling an accurate and reliable alarm detection capability.

Advanced signal processing achieves a high level of detection probability while eliminating false alarms from extraneous cable vibration (wind, etc.), or direct mechanical vibrations from non-intruder sources.

A typical configuration consists of two separate 50 sensor lines controlled by one Zone Processor Unit.

System Installation & Integration

- ⦿ The V-Alert software application is used to program and set-up the system. The sensitivity of each individual V-Alert sensor can be adjusted.
- ⦿ Alarm indications from the zone processor unit are integrated with GM's DUAL COMM Communication System
- ⦿ DUAL COMM Communication System enables communication via WIRELESS and/or WIRED communication.
- ⦿ The DUAL COMM Communication System can be integrated with a Computerized Control System
- ⦿ Dry-contact outputs enable integration with other communication equipment.

Specifications

Temperature

Operating temperature -40°C to +70°C

Humidity

20% - 95% condensing

Enclosure and Cable

Weather proof epoxy enclosure
Outdoor Cable – UV resistant

Input Voltage

12-30V DC

The V-Alert Sensor technology is continually being upgraded and updated. We reserve the right to make changes to the technology and specifications of the system in order to equal or improve the system's performance.



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