

V-ALERT

MULTI-FUNCTION SENSOR

PORTS & AIRPORTS

The **V-ALERT PORTS & AIRPORTS** system provides an integrated intrusion detection solution, protecting the perimeter fence as well as strategic on-site equipment within the Port or Airport facility.

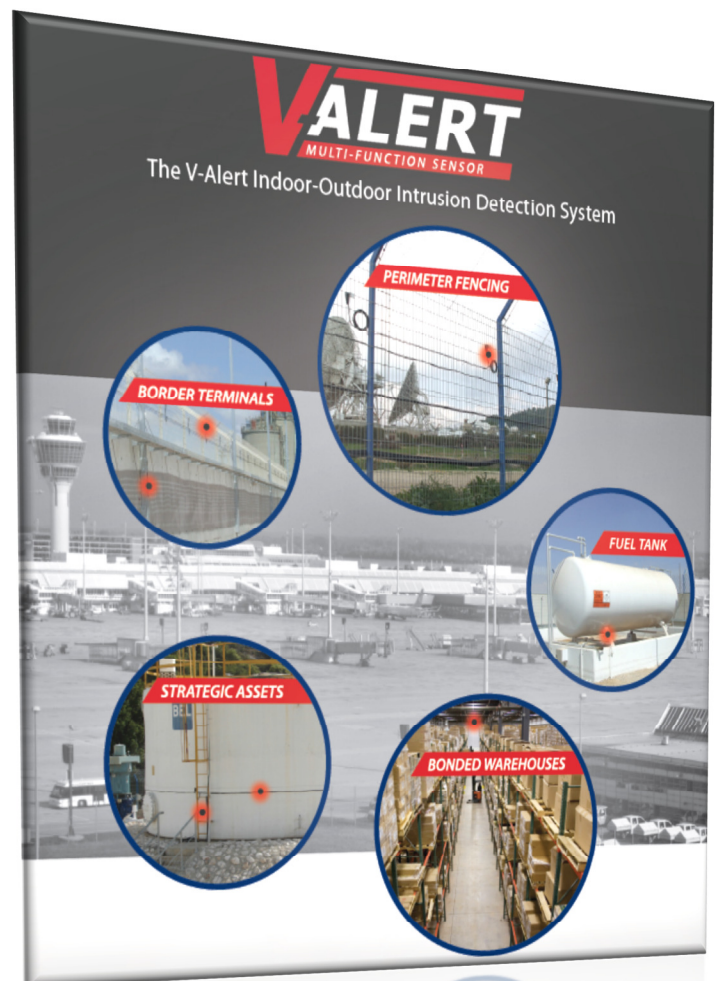
The versatility of the **V-ALERT** technology enables the use of the sensor on many different non-perimeter applications such as on solid structures, protecting ANY element that is prone to theft and/or strategic damage.

The **V-ALERT** sensor, which has been designed for outdoor use, will provide a **PINPOINT** alarm indication on the protected element while at the same time maintaining a high level of reliability with negligible or zero false alarm rates.

Operating in harsh environmental conditions typically found in sea ports the **V-ALERT** electronic sensors sensitivity is adjusted to meet the on-site conditions whilst maintaining the maximum level of operational performance.

V-ALERT – PERIMETER SECURITY & BEYOND

- ✓ Install on any type of fence.
- ✓ Install on walls detecting attempts to break through the wall.
- ✓ Protect strategic areas inside the port.
- ✓ Protection of Bonded Warehouses
- ✓ Protect gas & fuel tanks, generators, high value equipment, communication equipment etc.
- ✓ Install directly on specific solid structure that has been targeted for theft or damage and adjust the sensitivity to meet the security requirements of the application.
- ✓ Receive a pin-point alarm indication from the element being protected.
- ✓ The only available solution for solid walls, ladders, doors, windows, generators as well as the perimeter boundary.
- ✓ Each sensor has a unique ID providing fast, accurate and pin-point alarm indications.
- ✓ One detection system protecting the site perimeter as well as specific elements inside the protected site.





PIN-POINT PERIMETER INTRUSION DETECTION SYSTEM

The V-ALERT INTRUSION DETECTION SYSTEM is an advanced intrusion detection system using ELECTRONIC V-ALERT sensors that provide PIN-POINT alarm detection capabilities on fences, walls and solid structures.

The sensitivity and detection parameters of each V-ALERT SENSOR can be adjusted to ensure that the system operates at the optimal alarm detection level, according to the specific site conditions and the type of fence, barrier or element on which the sensor is installed.

FEATURES

- ⊙ Multi-Function Sensor used on applications alongside and integrated with traditional perimeter fence applications.
- ⊙ 3 m Alarm Detection Resolution – alarm signal from EACH sensor.
- ⊙ V-Alert Sensors – each Sensor with unique electronic ID.
- ⊙ Microprocessor controlled system ADAPTS to harsh and ever-changing environmental conditions.
- ⊙ User friendly INSTALLATION and SET-UP using the V-Alert Settings Manager
- ⊙ Enhanced RELIABILITY and PERFORMANCE tailor-made to the specific site conditions
- ⊙ DETECTS attempts to break through WALLS
- ⊙ DETECTS FENCE CUT and CLIMS
- ⊙ Adjustable Sensitivity and Alarm Detection Parameters of individual sensors in TWO separate detection axes
- ⊙ Integrating OUTDOOR with INDOOR security applications
- ⊙ Upgrade any type of Perimeter Fence (wall, chain-link, welded mesh, ornamental, metal posts, taut wire, barbed wire, etc.)

WIDE RANGE OF APPLICATIONS

- ⊙ **Industry** Factories, Warehouses, Industrial Parks
- ⊙ **Civil** Residential Areas, Sports Facilities, Hotels
- ⊙ **Government Strategic** Air and Sea Ports, Railway Facilities, Nuclear Power Plants, Oil and Gas, High Security Government Factories and Strategic Facilities
- ⊙ **Remote** Solar Farms, Cellular and Communication base stations
- ⊙ **Utilities** Water, Gas, Electricity
- ⊙ **Military** Border's, Army Bases, Armouries
- ⊙ **Commercial** Bank Safety Deposit Boxes, ATM's, Parking Vending machines, Trucks & Mobile assets

TECHNICAL DATA

Temperature	Operating temperature -30°C to +70°C
Humidity	20% - 95% condensing
Enclosure	Weather proof epoxy housing
Cable	Outdoor Cable – UV resistant
Input voltage	12-30V DC

System components

- Zone Processor Card for 2 x 50 sensor lines
- Sensor spacing – 3.5m standard or to order
- Relay Card – 8 relay outputs for integration
 - 2 relay outputs for CUT alarm

