

SL-3

Fence Mounted Vibration Sensor



- Multidirectional shaker sensor cable
- High detection and very low false alarm rate
- Self-adjusting capability no calibration needed
- 32 levels of sensitivity setting with automatic weather compensation unit
- 10 Years warranty for the sensor cable, over 20 years life span





SL-3

Fence Shaker Vibration Sensor

The Sensor Is Ideal For Use In:

- Prisons and Correctional facilities
- Airports and Sea Ports
- Water reservoirs
- Governmental facilities
- Power stations
- Oil/Gas plants
- Border lines and military facilities

The **SL-3** Vibration Perimeter Alarm System - Is a fence mounted sensor line which supersedes and outperforms all types of fence sensors in reliability combined with detection capability and price. With installations in over 30 countries the **SL-3** electronic shock vibration fence sensor cable is the most reliable, advanced sensor cable perimeter security system in the world.

It's unique structure that contains 10 gold plated contact points provide accurate response to specific types of vibrations frequencies on the fence caused by cutting, climbing or lifting the fence fabric in 360 degrees around the sensor in three axes. The **SL-3** system will detect any vigorous or careful climber having a weight of 45kg/90lbs. or more within 0 - 60 seconds.

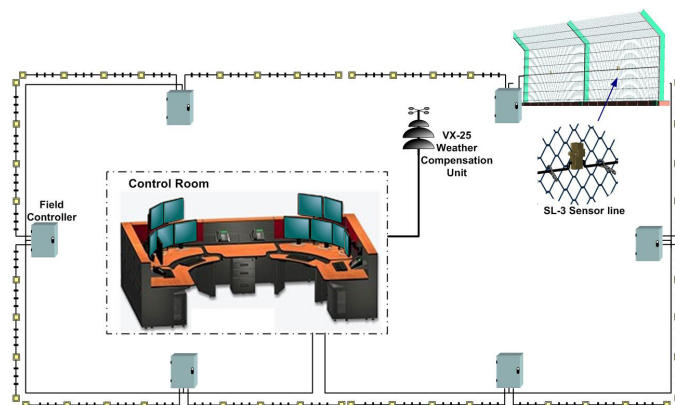
The **SL-3** Shaker sensor is pre-assembled in 3m/10ft intervals. Installation of the **SL-3** multidirectional sensor cable is very fast, simple and does not require any special equipment. Ready to mount into any new or existing type of perimeter fence: wire, chain link, welded mesh or razor-type coil.

The **SL-3** is installed around the world in variety of weather conditions. The VX-25 Weather Compensation Unit is a unique detection unit designed to compensate system sensitivity automatically for disturbances caused by changing weather conditions such as wind, rain or hail. The unique weather compensation unit enables the system perform dynamically fine tune calibrate during adverse weather conditions.

The **SL-3** is maintenance free assuring minimum 10 years warranty for the sensor cable with over 20 years life span. It's self-cleaning and self-cleaning capability allows very low false alarm rate (FAR) and high scores in Pd (Probability of Detection) tests at 98% and better.

Technical Specifications

Operating temp.:	-45°C (-49°F) to +70°C (+158°F).
Capsule Enclosure:	Injection molded high resistant plastic
Field Controller Includes:	SPU-2004 card
LP-05 Lightning protection card	E-Clips 6, E-Clips 10 Lightning suppressor
Input voltage:	8.5 - 32 VDC
Current consumption:	10 - 35mA at 15 VDC
Processing:	8 zone signal processing.
Communications:	RS-485
Weather sensor - VX-25:	Weather Compensation Unit



VIDALERT Alarm Management Software

RBtec's **VIDALERT** alarm management software is dedicated software for security personnel to manage and overview the perimeter for Intrusion on site. Each site has its own graphic map and dedicated data base. The graphic map provides immediate on-line visual and audible indication in the event of an alarm. The **VIDALERT** security management system is a user friendly software based on intuitive use with zero training.

VIDALERT is part of **INTRUDALERT** system that can be combined and integrated with the **SL-3** vibration sensor line and other RBtec's sensors, as well as with any other third party software.

