

IDS iFence™



New Generation of Vibration Perimeter intrusion Detection System

- Outdoor Electronic Sensor
- Pin Point Detection (Up to 3m Detection resolution)
- Independent parameters setting for each sensor
- Unique Sensor Comparing Shock Algorithm
- High reliability and ultra-low false alarms rate
- Suitable installation on walls and most fence types

IDS iFence™ system detects vibrations on fencing caused during attempts to enter the premises (climbing over, cutting through, and lifting off, etc.). Each detector contains an Accelerometer element supported by microprocessor based signal processing.

IDS iFence™ system is fully autonomous with fully configurable features and alarm outputs allowing it to be connected to a standard security system as a regular detector or into third party conventional control panel. In addition, *IDS iFence™* system equipped with input/output module to simply connect other devices on the perimeter route (e.g.magnetic contacts on gates) into the system as well as controlling other devices (e.g.spotlights).



IDS iFence™

Detection Sensors

The detection sensor evaluates mechanical vibrations from the fencing using a full Accelerometer sensor along with a unique differential logic algorithm, which considerably suppresses false alarms caused by weather (rain, wind).

Detectors intervals are custom made depending on customer requirements and objective fence. The system enabling each sensors line to be viewed on the control system as single zone, while the parameters of any individual sensor can be set independently. Each sensor located in an **IP67-Sealed** box, protected from environmental conditions, designed specifically for easy install, and fit standard fences.



iFence™ (IDS-3602) Specifications

Resolution/intrusion detection

Up to 3 meter

Input voltage

12v-30v DC

Physical Data Input/ Output

RS232/ RS422/ RS485

Operating Temperature

MIL STD 810F

-40°C to 70°C (-40°F to 158°F)

Humidity

MIL STD 810F

99%

Enclosure and Cable

MIL STD 810F

IP65 Fully encapsulated

Dimensions

80 x 95 x 26 mm (3.15" x 3.74" x 1")

RFI

MIL STD 461

iFence™ Implementation Diagram

