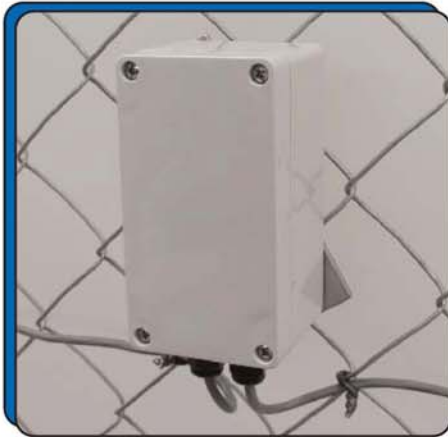# E-FENCE1
VIBRATION SENSOR
DETECT FENCE CLIMB OVER OR CUT

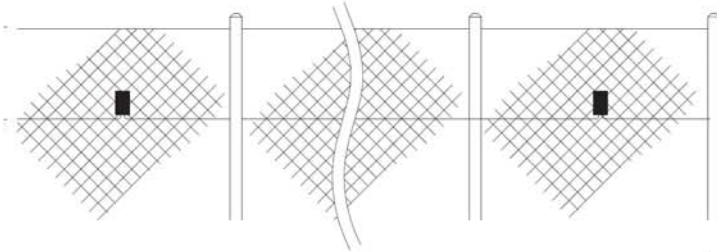

FEATURES:
* Detects attempts to climb over or cut through chain link or wire mesh fences
* Advanced signal processor (built into sensor) differentiates between non-threatening or random events and real attacks
* Four sensitivity settings to tune each sensor to a particular fence section and intrusion type.
* Two outputs - alarm and power failure
* UV resistant case and epoxy sealed electronics provide maximum resistance to harsh environments
* Easy to install, Brackets included

SENSOR MOUNTS DIRECTLY TO FENCE FABRIC WITH EASY TO INSTALL BRACKETS

VIBRATION SENSOR
40 TO 60 Ft. Spacing

OPERATION:

The E-FENCE1 Vibration Sensor is designed to detect individuals climbing over or cutting through chain link or wire mesh fences. This sensor is directly mounted to the fence fabric with an easy to install bracket and two screws. Vibrations resulting from intrusions are transmitted through the fence to the sensor and analyzed by the advanced signal processing control built into each sensor. The sensors are immune to vegetation, blowing debris and random single events.

These fence sensors can be used individually or connected together for longer runs of fence. The sensor has four sensitivity settings, selected by jumpers, so that the sensor can be tailored in the field to the exact nature of the fence. Three sensor output LEDs - green, yellow and red - mounted to PCB facilitate set up and tuning so that there is no need to be at the control to see an alarm event. Depending on the type and quality of fence and the sensitivity setting, each sensor can detect intrusions over an area ranging from 40 to 60 feet. This range results in an economical security solution when compared to other fence sensors and beams.

ELECTRICAL

External DC power source 9 -15 VDC
Current consumption 30 mA
Two open collector outputs - alarm and power failure (output for power is energized closed)
Alarm indication three internal LEDs
Requires jacketed 4 conductor 22 AWG shielded cable

ENVIRONMENTAL

Temperature Limits -4F to 131 F (-20 C to 55 C)
UV Resistance, NEMA 4X, Polycarbonate Case certified UL94 5V

PHYSICAL

Color Light Gray
Dimensions 4.7"H x 2.55"W x 1.6"D
Weight 10 Ounces