

# VIBRATION SENSOR DETECT FENCE CLIMB OVER OR CUT VIB100 SERIES

# FLAIR ELECTRONICS

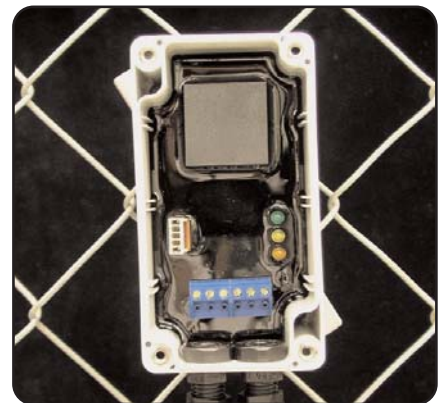
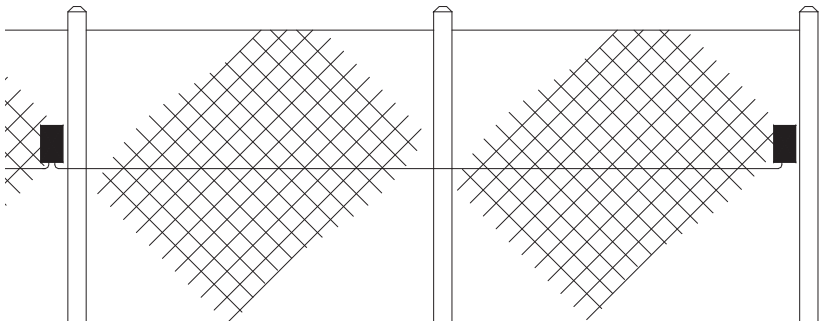


## FEATURES:

- \* 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

VIB100 MOUNTS DIRECTLY TO FENCE FABRIC  
WITH EASY TO INSTALL BRACKETS

VIBRATION SENSOR  
20 TO 50 Ft. Spacing



**OPERATION:** The VIB100 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 VIB100 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 amber - 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 VIB100 can detect intrusions over an area ranging from 20 to 50 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 2 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 3/4" x 2 1/2" x 2 1/2"  
Weight 1.5 lbs