

# Fence Guard system

## FGS-02



Fence Guard system features dependable tuned piezoelectric sensors and zone processors with up to 100 sensors per zone. The piezoelectric sensors are housed in rugged aluminum cases and install rapidly with a simple post mount, for an installation that goes in quickly and stays working regardless of the weather.

Typical installations use multiple individual reporting zones for effective operational reporting and response. Fence Guard protects assets of industrial / commercial applications, airfields, military sites, storage depots, and utility water/power/sewer installations. Commercial applications include vehicle and equipment storage yards. Its easy installation and operation from prime or solar battery power makes Fence Guard an excellent system to secure the temporary fencing around construction and other sites.

**Versatile:** Sensors may be installed at top, middle or bottom of 1.5m to 10m high fence posts.

**Fence Types:** typical security fence with 2-4m post spacing.

**High Security:** Detects attempts to cut, climb or lift fence. Can be integrated with Taut-Wire intrusion or any other dry contact output sensor type outrigger.

**Tamper Proof:** Alarms when lines are cut or shorted.

**Easy Installation:** Sensors clamp to posts, with up to 8m spacing between sensors depending on fence condition and detection criteria.

**Excellent Nuisance Alarm Performance:** Site-specific sensitivity, alert time and delay time adjustments screen out random nuisance alarms.

**Excellent False Alarm Performance:** Performs reliably near railroads, substations, radio stations, or microwave towers.

**Dependable:** Piezoelectric sensors will not rust or corrode; impervious to wind, rain, fog or snow.

### *System Specifications*

PROCESSOR	SENSORS
<b>Voltage :</b> 15VAC / 12VDC	<b>Operating Temperature Range:</b> -30°C +65°C
<b>Current :</b> 65mA idle, 115mA alarm	<b>Typical spacing:</b> 4.6-7.6m
<b>Operating Temperature Range:</b> -10°C +60°C	<b>Number of sensors per zone:</b> Up to 100
<b>Weight:</b> 70g	<b>Mounting method:</b> Post mount with self-tapping screws or adjustable clamps
<b>Relay output:</b> 0.5A SPDT	<b>Size:</b> 18cm x 12.3cm x 5.2cm
<b>Size:</b> 12.5cm x 9.4cm x 2.6 cm	<b>Weight:</b> 48g
	<b>Housing:</b> IP67 aluminum case