

## D-GLASS

### **NEW, Perimeter Intrusion Detection System for Glass Fences and Walls**

The **D-Glass** is a new and innovative security system that allows to integrate intrusion detection to glass fences and walls. By harnessing the glass panels with D-Fence's Strain Gauge Sensor to the sensor post, or by integrating the sensors to the top of the glass fence/wall, the fence is turned into an intelligent, electronic Perimeter Intrusion Detection System

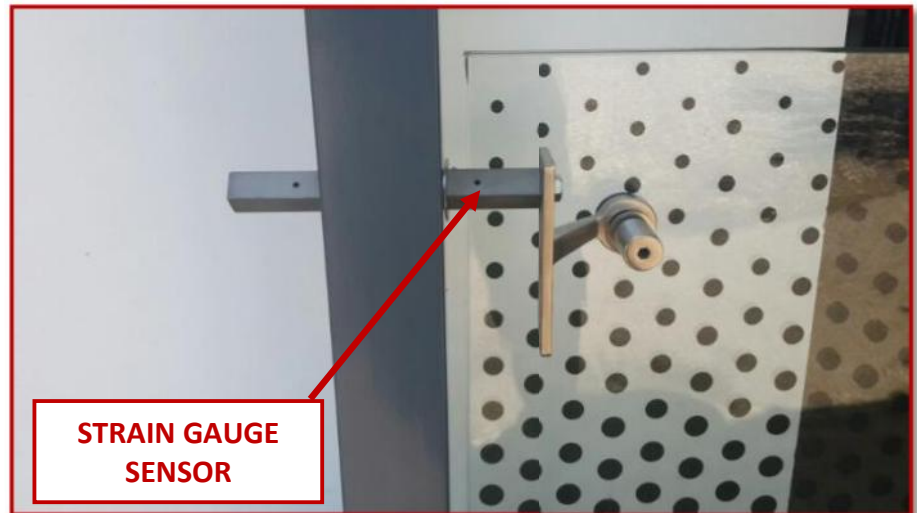


Any attempt to climb the fence/wall will generate the alarm. If a glass panel is shattered in an attempt to breach the perimeter, the alarm is generated as well.

Since the system is based on D-Fence's known and field-tested Strain Gauge Technology, the rate of false alarms is close to zero, and only real attempts to breach the perimeter will generate the alarm, providing the end-user with reliable protection 24 hours a day.

## Key Benefits

- Can be implemented on new or existing glass fences/walls.
- Completely invisibel
- Highly aesthetic
- Tamper proof
- False Alarm Rate of almost **Zero**
- Based on D-fence's rugged and robust Strain Gauge Sensor
- "Shoot and Forget" system. No need for on-going maintenace.



## Applications

- External Glass Panel Fences and walls
- Internal Glass Panels
- Acoustic panels
- Bulletproof glass





# D-Glass Technical Specifications

## System Unit Processor

Unit dimensions	According to client's needs
Processing unit	Up to 32 sensors per processing unit, or up to 30 sensors with additional connector for a vibration sensor and a fiber optic cable
Deflection force	25 KG of force and above will activate alarm
Dry contact	N.O & N.C. 1A@48VDC
Power supply	12mA@48VDC
Communication Output	Wireless, GSM, GPRS, SMS

## Environmental Conditions

Temperature range of operation	+72°C to -25°C (162°F to-13°F)
Storage Temperature	+80°C to -32°C (176°F to-26°F)
Corrosion	All system parts received anti-corrosion treatment according with MIL T 152 all parts are S.S
Humidity	95%
Lightning & electronic trasients	MIL STD 9094
EMI & RFI	According with MIL STD 461, 462

## Reliability and Maintenance

False Alarm Rate (FAR)	Less than one per km per three months maximum
MTBF sensor	4.7x10 <sup>5</sup> hours
MTTR	30 minutes
Warranty	Life Time for the Sensor