

ACCELEROMETER-BASED TECHNOLOGY



# G-FENCE 600Z

FENCE-MOUNTED INTRUSION DETECTION SYSTEM  
SIMPLE & ADAPTABLE



## PERFORMANCE FEATURES

- **Simplified installation**  
Integrated Surge Protector options
- Adjustable solution suited **to all types of support**
- **Accurate localization to 10 ft**
- **Remote configuration and maintenance**
- **Configurable zoning**  
with G-FENCE 600Z
- **MAXIBUS Universal compatible**  
via **Connect module:**  
integration with VMS

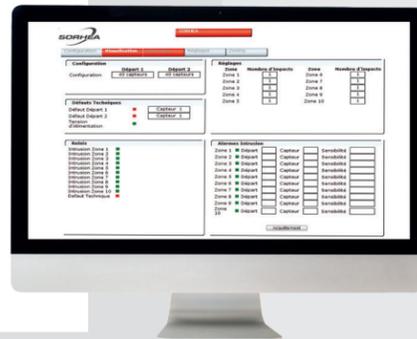


## SIMPLIFIED INSTALLATION AND MAINTENANCE

- **Durable cable resistant to bending and pulling** - 40 sensors per cable roll
  - **Copper wire** - easy to splice and repair in case of a cut cable
  - **Quick and easy installation** - cable, control unit, link/termination units
  - **Addressable sensors** - user friendly configuration through web browser of sensor sensitivity and number of impacts
  - **Localization of intrusion and cable-cut to 10 ft (3 m)**
- Suited to all types of support...**
- Installation **inside** or **outside** possible
  - **Warehouse cladding application:** detects attempts at cutting, removal or perforation of cladding panels

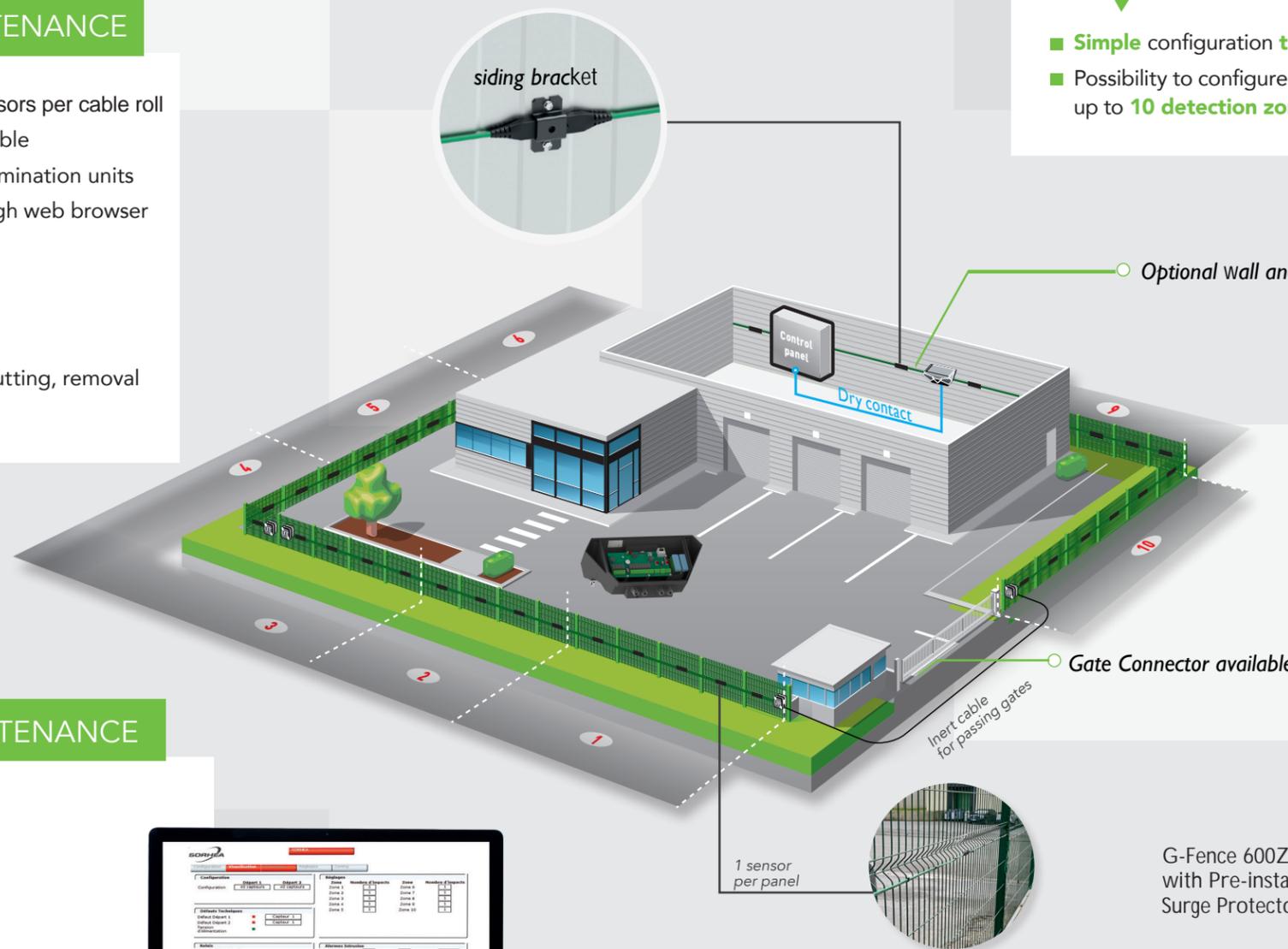
## REMOTE CONFIGURATION AND MAINTENANCE

- **No software required:** embedded web server
- **Simple and intuitive** web interface
- **Broad range** of cable sensitivity settings
- **Multiple system adjustments:**
  - Number of impacts - by zone
  - Sensitivity settings - by sensor
- **Time and history log:** localization of triggered sensor
- **Real-time visualization** of system status
- **Accurate localization** to each fence pannel



## OPTIONAL REINFORCED CABLE

- **Cable protected in an outer jacket** for installations on concertina / barbed wire



## CONFIGURABLE ZONING (G-FENCE 600Z)

- **Simple configuration tool**
- Possibility to configure **one zone per sensor** and up to **10 detection zones** per control unit for G-FENCE 600Z

## SYSTEM DESCRIPTION

- **Up to 600 m** of protection per system
- **Up to 200 m of inert cable** can be added per section
- **Highly insensitive to weather conditions:** heavy rain, fog, wind
- **Resistant to electromagnetic environments**
- **12 alarm contacts and 10 configurable zones**
- **NEW Pre-installed Surge Protectors**  
Use -LSP1 or -LSP2 suffix to specify



G-Fence 600Z with Pre-installed Surge Protectors

## MAXIBUS UNIVERSAL COMPATIBLE

### ALARM MANAGEMENT...

- **Centralization of all system alarms** to a single point
- **Remote access to products:** configuration and maintenance
- **Embedded** web server
- **Time and history log** of alarm events

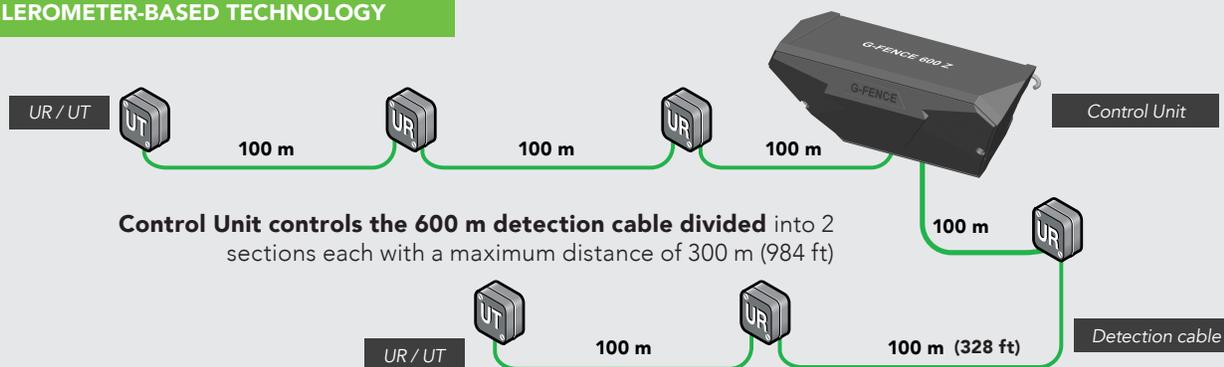
### ...DESIGNED FOR SIMPLIFIED INTEGRATION ON ALL YOUR SITES

- **Integration with VMS**
- **Easy integration:** API available
- **Secure** data transmission: 802.1x, TLS, etc.
- **Various** alarm transmission protocols: ModBus, API
- **Dry contact** outputs
- **Surge Protectors** pre-installed options available

# G-FENCE 600Z

FENCE-MOUNTED SHOCK DETECTION SYSTEM  
SIMPLE & ADAPTABLE

## ACCELEROMETER-BASED TECHNOLOGY



### SYSTEM

40670205	G-FENCE 600Z Control Unit –10 Relay Zone Outputs
40670205-LSP1	G-FENCE 600Z Control Unit –10 Relay Zone Outputs w/Lightning Surge Protector integrated on Channel A
40670205-LSP2	G-FENCE 600Z Control Unit –10 Relay Zone Outputs w/Lightning Surge Protector integrated on Channel A & B
40670206	Roll of 400ft. (120 m) G-FENCE 600 detection cable, including 40 sensors
40670204	UR / UT G-FENCE 600Z
82800187	Magnetic G-Fence Gate Connector
82201148	Coated Metal Stainless Steel Metal Tie Wraps (Bag of 100)
93407901	Wall fixing kit (packet of 40 brackets)

## TECHNICAL CHARACTERISTICS

	G-FENCE 600Z		
<b>Power Supply</b>	12 Vdc		
<b>Alarm information</b>	G-FENCE 600Z (12 alarm contacts)	Control Unit (UG) Tamper (1 in total)	Detection zone 1 intrusion per detection zone (10 in total)
			System Perimeter defect/ cut cable (1 in total)
<b>Maximum length of detection cable</b>	400 ft. (40 sensors) (120 m)		
<b>Maximum protection per UG</b>	up to 2400 linear feet (720 m) - based on individual panel length		
<b>Operating temperature</b>	-40 °F to +158 °F		
<b>Electromagnetic compatibility</b>	Compliant with European standards (CE label)		
<b>Installation recommendations</b>	1 sensor per panel – up to total of 200 m of inert cable (per section of detection cable)		
<b>Configuration</b>	Automatic calibration – Sensitivity setting per sensor or per section Number of impacts per zone setting		
<b>Remote maintenance</b>	Embedded web server		

### 8-INPUT CONNECT MODULE

<b>Alarm information</b>	8 dry inputs + Tamper
<b>Alarm transmission</b>	Either by dynamic mesh radio network to radio coordinator Or by wired network RS 485
<b>Radio frequency</b>	Frequency band 915 MHz, 19 selectable channels, LoRa modulation
<b>Data encryption</b>	AES 128 bits
<b>Power supply</b>	Range 4 V DC – 26 V DC (consumption 10 mw at 4 V DC)
<b>Operating temperature</b>	-40 °F to +158 °F
<b>Electromagnetic compatibility</b>	FCC and Compliant with European standards (CE label)
<b>Local wireless configuration via smartphone applications</b>	Applications available for all smartphones:  



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