

FENCE DETECTION CABLES



# G-FENCE 3000

AUTONOMOUS FENCE-MOUNTED INTRUSION  
DETECTION SYSTEM

## PERFORMANCE

- **Simplified installation and maintenance**
- **Reliable solution:** multiple settings available for adaptability
- **Accurate localisation within 3m**
- **Alarm zones configuration** (up to 128 zones)
- **MAXIBUS Universal compatible:** integration with VMS



## SIMPLIFIED INSTALLATION AND MAINTENANCE

- **Cable highly resistant** to bending and traction: easy to install
- **Standard cable:** quick and simple repair in case of a cable cut
- **Quick and easy** assembly (cable, sensor and Control Unit)
- **LED integrated** in the sensor: **user-friendly configuration** of sensitivity and maintenance (defect localisation)
- **Cable cut localisation** accuracy within 3m

## ADJUSTABLE SOLUTION

- **Wide range** of cable sensitivity settings
- Multiple system configurations:
  - **Number of impacts**
  - **Number of sensors** (detection on 1,2 or 3 adjacent sensors)
  - **Sensitivity settings** per sensor

## INTRUDER LOCALISATION

- **Cable with integrated sensor:** reduced need of connection
- **Accurate localisation per fence panel**
- Up to **3200 m of protection** per Maxibus communication port
- **4 x 3200 m of protection** per system for maximum protection

## OPTIONAL REINFORCED CABLE

- **Cable protected in a protective tube** for installations on concertina / barbed wire



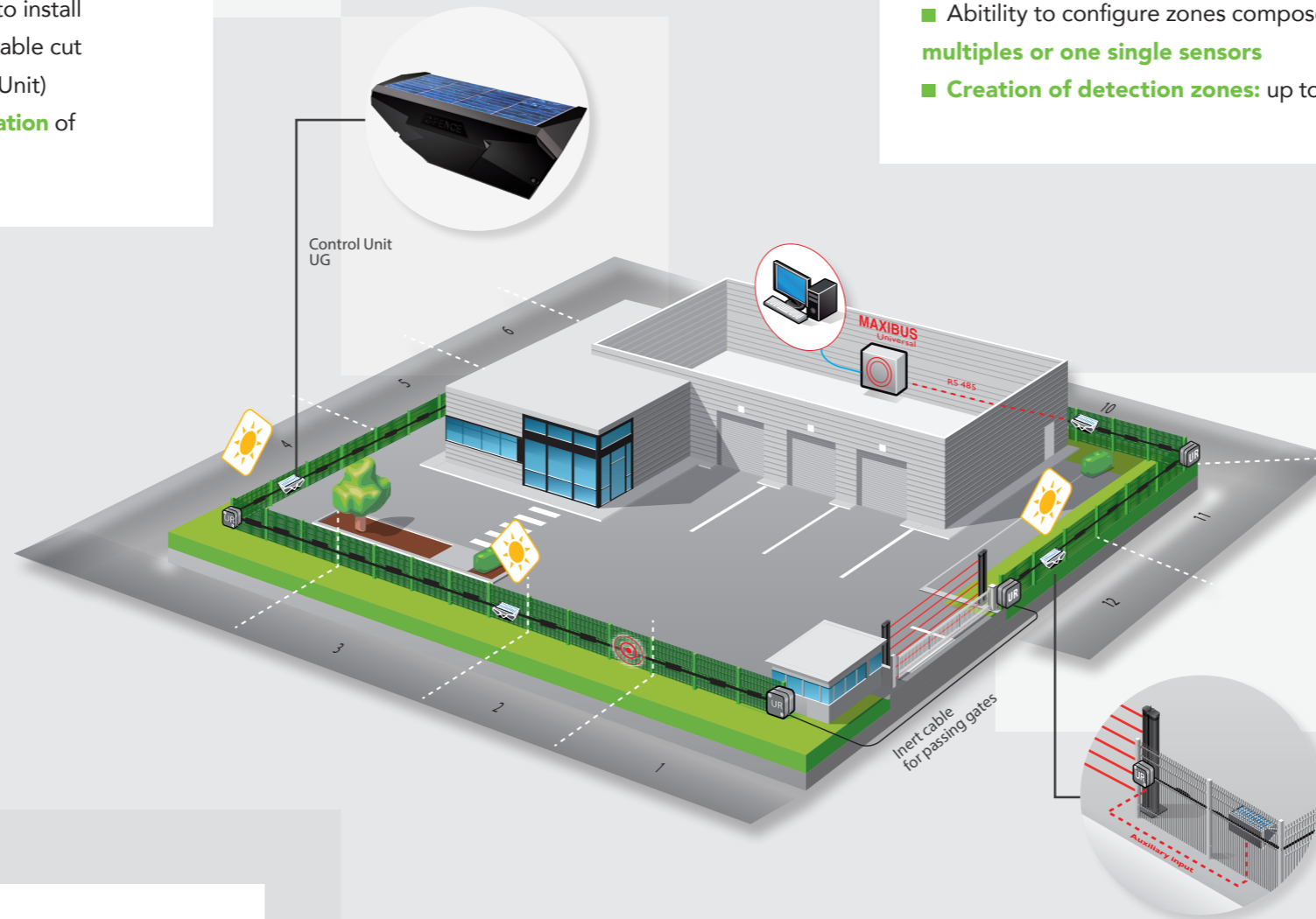
## CONFIGURABLE ZONING

- **Simple configuration tool**
- Ability to configure zones composed of **multiples or one single sensors**
- **Creation of detection zones:** up to 128 zones



## SYSTEM DESCRIPTION

- **Solar energy power:** integrated solar panel (or optional 12 V DC)
- **Up to 2 months autonomy** in total darkness low battery alarm
- **Up to 200 m of protection** per UG
- **2 auxiliary inputs** per UG for external alarms
- **Highly insensitive to weather conditions:** heavy rain, fog, wind



## MAXIBUS UNIVERSAL COMPATIBLE

### ALARM MANAGEMENT...

- **Centralisation 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

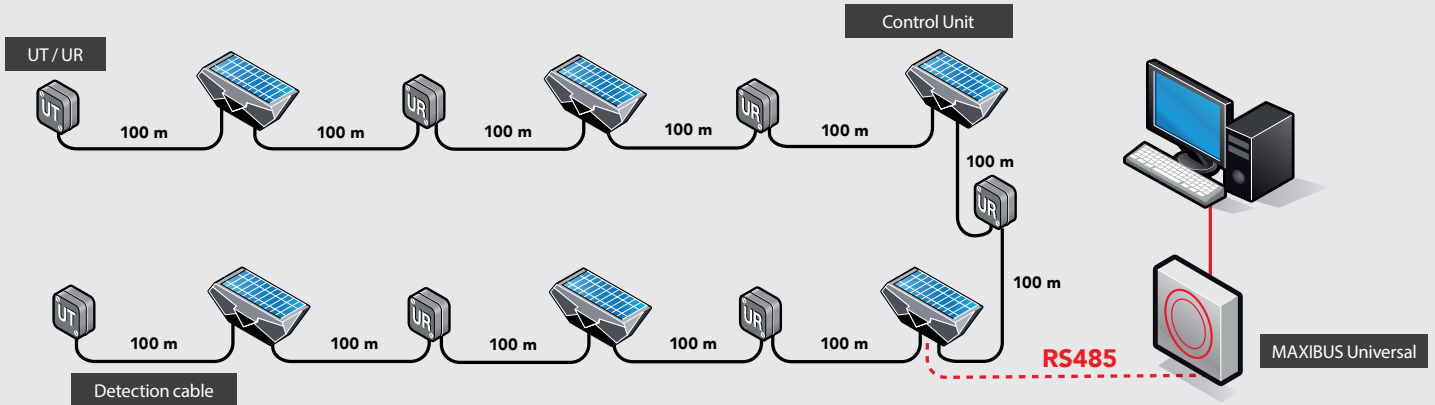
### ...DESIGNED FOR SIMPLIFIED INTEGRATION ON ALL YOUR SITES

- **Integration with VMS**
- **Easy integration:** API available
- **Secure** data transmission: **802.1x**, HTTPS, etc.
- **Various** alarm transmission **protocols:** ModBus, API
- **Dry** contacts outputs

# G-FENCE 3000

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## FENCE DETECTION CABLES



### SYSTEM

G-FENCE 3000 Control Unit

Roll of 100 m G-FENCE 3000 detection cable, including 40 sensors

UR / UT G-FENCE 3000

Plastic or metal tie wraps available (pack of 1000)

MAXIBUS Universal - 8 relay outputs available with the option of adding up to 16 extension cards of 8 additional relays

MAXIBUS Universal - Power / charger 100/230 V AC 50/60 Hz 13.6 V DC / 2.2 A

MAXIBUS Universal -12 V DC battery 1.2 A / H for power

## TECHNICAL CHARACTERISTICS

	G-FENCE 3000		
<b>Power supply</b>	Solar panel and battery in each Control Unit (UG) Or optional 12 V DC		
<b>Alarm information</b>	Control Unit (UG)	Detection zone	System
	<ul style="list-style-type: none"> <li>• Tamper</li> <li>• Low battery</li> <li>• AUX.1 input</li> <li>• AUX.2 input</li> </ul>	1 intrusion per detection zone	<ul style="list-style-type: none"> <li>• Perimeter defect (cut cable)</li> <li>• Communication defect (cut Bus)</li> </ul>
<b>Maximum length of detection cable</b>	100 m (40 sensors)		
<b>Maximum protection per UG</b>	200 m		
<b>Maximum length of system per MAXIBUS Universal</b>	4 x 3200 m (i.e., 12.8 km)		
<b>Operating temperature</b>	-40 °C to +70 °C		
<b>Electromagnetic compatibility</b>	Compliant with European standards (CE label)		
<b>Installation recommendations</b>	1 sensor per panel		
<b>Configuration</b>	Automatic calibration Sensitivity setting per zone Number of impacts setting Number of adjacent detector sensors setting		
	MAXIBUS UNIVERSAL HUB		
<b>Configuration tools</b>	Embedded web server		
<b>Alarm outputs</b>	8 to 136 dry contacts, Modbus TCP, Modbus RTU, API		
<b>4 communication ports</b>	Can manage 4 x 3200 m simultaneously		
<b>Power supply</b>	12 V DC		
<b>Operating temperature</b>	0 °C to +55 °C		
<b>Security</b>	Compatible networks 802.1X & HTTPS		