

SHOCK DETECTION CABLES



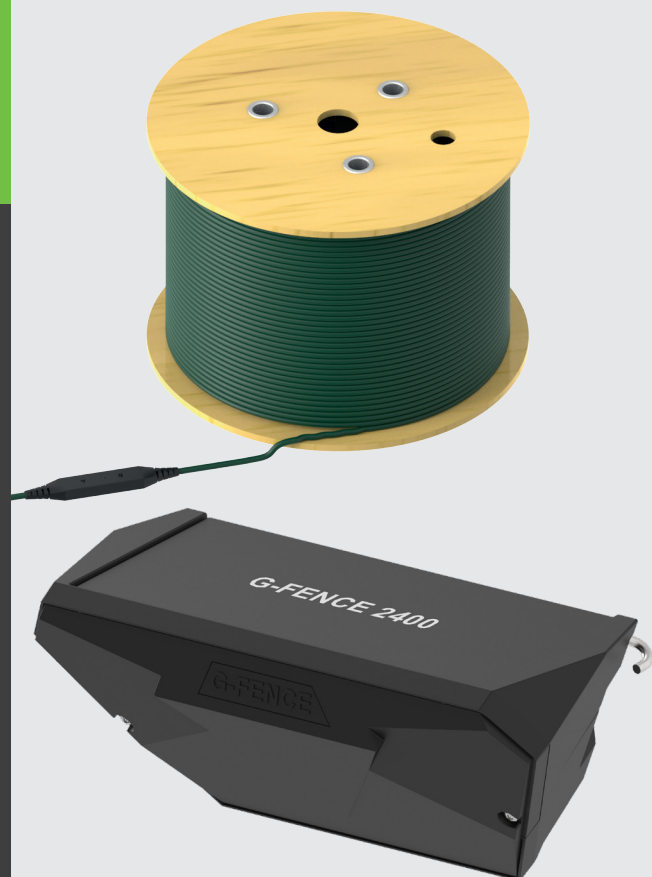
G-FENCE 2400

FENCE-MOUNTED SHOCK DETECTION SYSTEM
MULTIMODE ALARM TRANSMISSION



PERFORMANCE FEATURES

- **Simplified installation**
- Adjustable solution suited **to all types of support**
- Multiple settings and **configurable alarm zones**
- **Remote configuration, maintenance and software updates**
- **Simultaneous multimode alarm transmission**
- **MAXIBUS Universal compatible:** integration possible with VMS



SYSTEM DESCRIPTION

- Up to 600 m of protection per Control Unit (UG)
- UG compatible with MAXIBUS Universal: up to 4 UG per communication port, or 2400 m of protection per communication port
- Up to 200 m of inert cable can be added per section
- 12 alarm contacts and 10 configurable zones
- Highly insensitive to weather conditions: heavy rain, fog, wind
- Resistant to electromagnetic environments
- UG compatible with G-FENCE 600/600Z cables

SIMPLIFIED INSTALLATION AND MAINTENANCE

- Cable highly resistant to bending and traction: easy to install
 - Standard cable: quick and simple repair in case of a cut cable
 - Quick and easy installation (cable, sensor and Control Unit)
 - LED integrated to the sensor: user-friendly configuration of sensitivity and maintenance (defect localisation)
 - Localisation of cable cutting and intrusion to 3 m
- Suited to all types of support...
- Installation indoors or outdoors possible
 - Warehouse cladding application: detects attempts at cutting, removal or perforation of cladding panels

MULTIPLE SETTINGS AND ZONING

- No software required: embedded web server
- Simple and intuitive web interface
- Broad range of cable sensitivity settings
- Multiple system configuration:
 - Number of impacts
 - Sensitivity settings
- Possibility to configure one zone per sensor and up to 10 detection zones per UG

OPTIONAL REINFORCED CABLE

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



MULTIMODE ALARM TRANSMISSION

- 12 dry contact outputs (1 tamper, 1 technical defect and 1 per zone)
- Modbus TCP/IP output from the Control Unit: direct integration with VMS via API
- MAXIBUS network output: MAXIRIS, PIRAMID, MI8 compatible
- All these alarm information transmission modes are available simultaneously

REMOTE MANAGEMENT

- Remote configuration via MAXIBUS or via Control Unit on IP network
- Remote maintenance:
 - Time and history log: localisation of triggered sensor
 - Real-time visualisation of system status, intrusion localisation...
- Control Unit updating :
 - locally via SD card
 - remotely via Control Unit web interface or MAXIBUS
- Optimisation of implementation and maintenance times

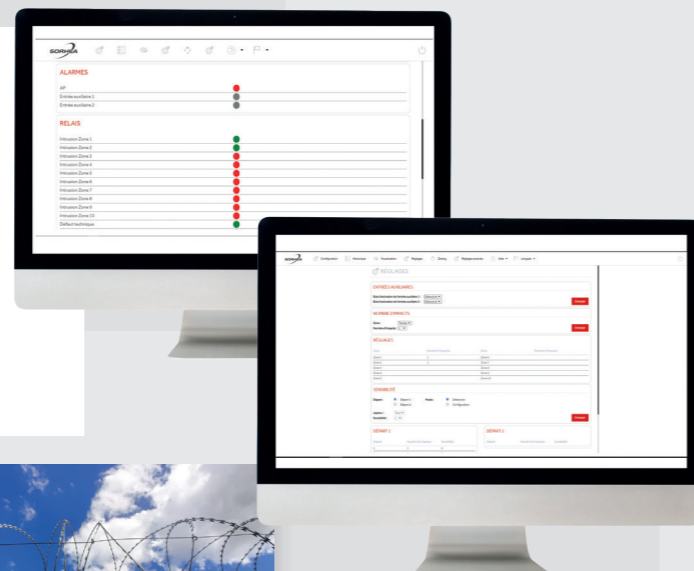
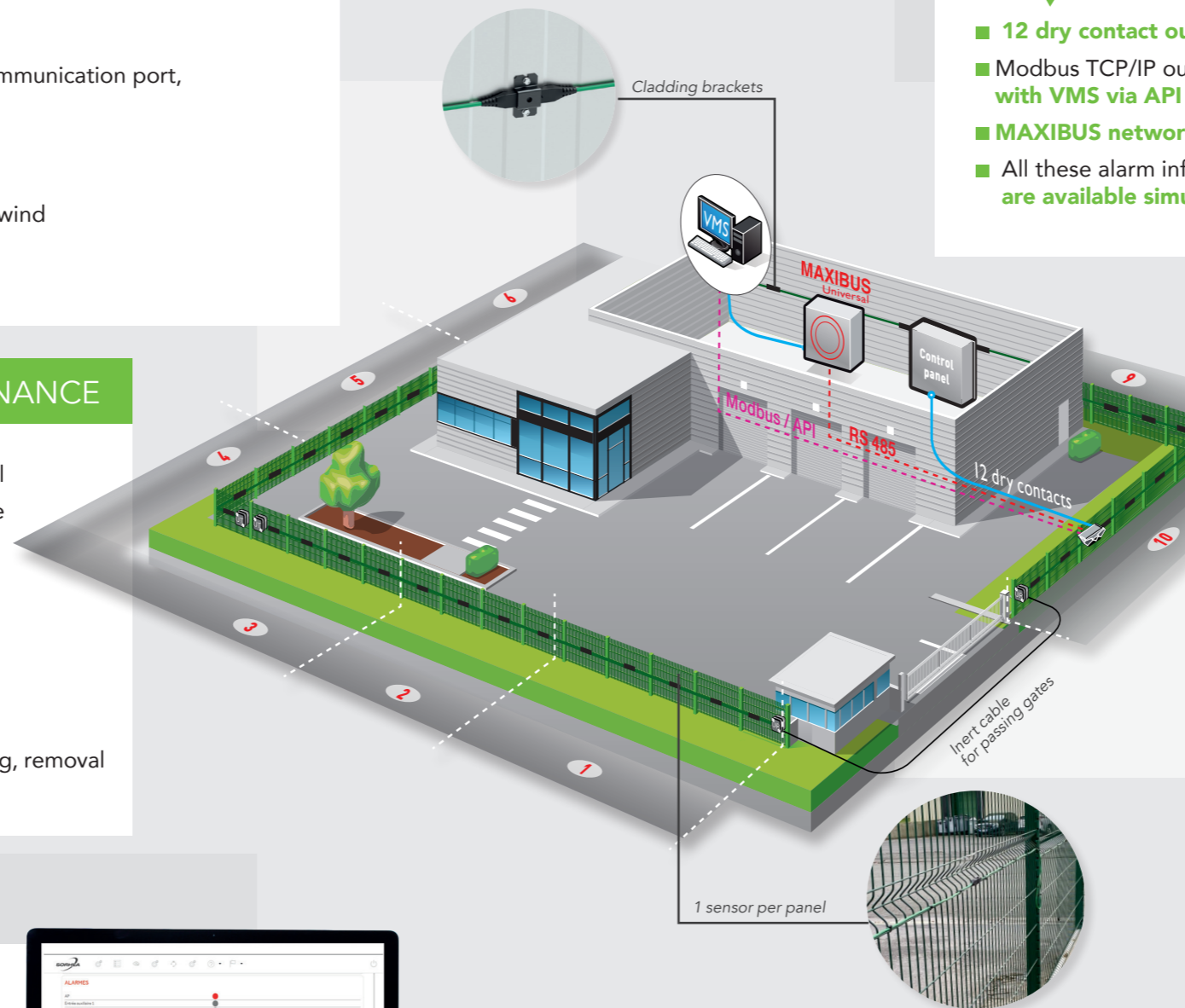
MAXIBUS UNIVERSAL COMPATIBLE

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, TLS, etc.
- Various alarm transmission protocols: ModBus, API
- Dry contact outputs

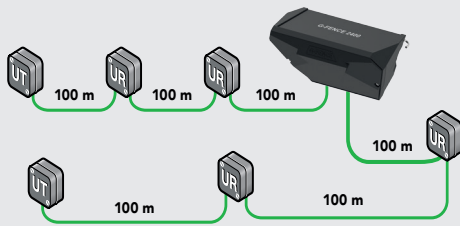


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SHOCK DETECTION CABLES

SYSTEM ARCHITECTURE



SYSTEM

G-FENCE 2400 Control Unit - 3 alarm transmission modes
Outdoor / indoor installation

Roll of 100 m G-FENCE 2400 detection cable including 40 sensors

UR/UT G-FENCE 2400

Plastic or metal tie wraps available

Power / charger 110/230 V AC 50 / 60 Hz 13.6 V DC / 2.2 A

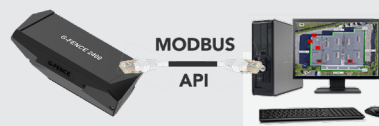
12 V DC battery 1.2 A / H

3 SIMULTANEOUS ALARM TRANSMISSION MODES

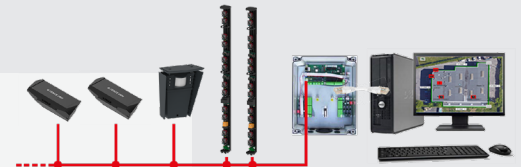
MODE 1 Dry contact



MODE 2 Modbus / API output



MODE 3 BUS output



TECHNICAL CHARACTERISTICS

| G-FENCE 2400 | |
|-----------------------------------|--|
| Power supply | 12 - 24 Vdc |
| Alarm information | Control Unit (UG) Detection zones System |
| | Tamper 1 intrusion per detection zone (10 in total) Perimeter defect (cut cable) |
| Alarm output | Dry contacts, network output to MAXIBUS Universal, ModBus, API |
| Maximum length of detection cable | 100 m (40 sensors) |
| Maximum protection per UG | 600 m |
| Operating temperature | From -40°C up to + 70°C |
| Electromagnetic compatibility | Compliant with European standards (label CE) |
| Installation recommendations | 1 sensor per panel – up to total of 200 m of inert cable (per section of detection cable) |
| Configuration | Sensitivity setting per sensor or per section Number of impacts per zone setting |
| Remote maintenance | Embedded web server |
| Extreme climate housing option | IP 65 housing and removable terminal blocks |

| MAXIBUS UNIVERSAL HUB | |
|-----------------------|--|
| Configuration tools | Embedded web server |
| Alarm output | Dry contacts / ModBus / API |
| 4 communication ports | 4 Control Units per communication port |
| Power supply | 12 Vdc |
| Operating temperature | 0° C to +55° C |
| Security | Compatible networks 802.1X & TLS... |