

**ACCELEROMETER-BASED
INTRUSION DETECTION SYSTEM**



G-WALL

Wall-mounted Detection System
Uses G-Fence Accelerometer-based technology
SIMPLE & ADAPTABLE



PERFORMANCE FEATURES

- **Simplified installation**
Adapts to site environment
- **MAXIBUS compatibility**
- **Available to use with**
Leading VMS platforms
- **Remote configuration and**
maintenance
- **Configurable zoning**
with G-FENCE 600Z & G-FENCE 2400
- **Pinpoints the location of the**
intrusion (within 10 ft. / 3m)



RELIABLE INTRUSION DETECTION

G-Wall is a wall-mounted intrusion detection system that detects intrusion attempts such as hammering, cutting and ramming on a wide range of surfaces including concrete, brick and metal-sheet cladding.

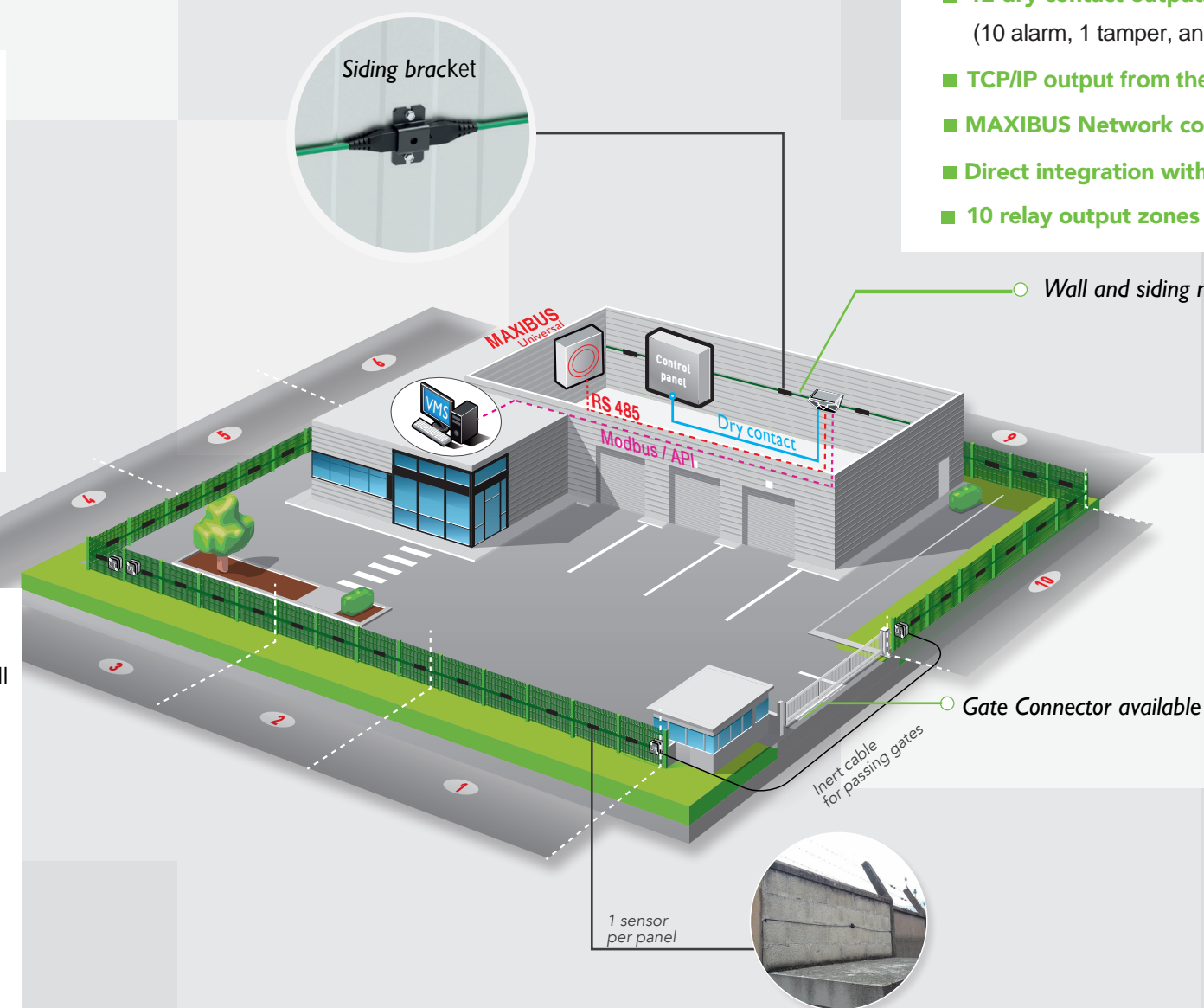
G-Wall is designed to protect and prevent entry into warehouses and commercial buildings by detecting intrusion attempts caused by significant impacts to the outside surface.

SIMPLIFIED INSTALLATION AND MAINTENANCE

- **Quick and easy installation** - cable, control unit, link/termination units
- **Durable cable resistant to bending and pulling** - 40 sensors per cable roll
- **Control unit handles up to 2400 feet** (based on individual panel length)
- **Copper Wire** - easy to splice and repair
- **Addressable sensors** - user friendly configuration through web browser of sensor sensitivity and number of impacts
- **Removable terminal strips** for G-Fence 2400-IP65
- **Localization of intrusion and cable-cut to 10 ft (3 m)**
- **Suited to all types of support...**
 - Installation **inside** or **outside** possible
 - **Warehouse wall siding application:** detects attempts at cutting, removal or perforation of wall panels

REMOTE CONFIGURATION AND MAINTENANCE

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



ALARM TRANSMISSION

- **12 dry contact outputs** - for G-Fence 600Z and G-Fence 2400-IP65 (10 alarm, 1 tamper, and 1 technical defect)
- **TCP/IP output from the control unit**
- **MAXIBUS Network compatible** (Modbus RS485) for G-Fence 2400-IP65
- **Direct integration with VMS and/or 10 relay zones** for G-Fence 2400-IP65
- **10 relay output zones** for G-FENCE 600Z

REMOTE MANAGEMENT

- **Remote configuration** via MAXIBUS or via control unit on IP network
- **Remote Maintenance:**
 - **Time and History log** localization of triggered sensor
 - **Real-time visualization** of system status, intrusion localization...
- **Control Unit updating:**
 - **Locally** via SD card (G-Fence 2400 models only)
 - **Remotely** via Control Unit web Interface or MAXIBUS
- **Optimization of setup and maintenance times**

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

*MAXIBUS and VMS integration comes standard with G-Fence 2400-IP65, G-Fence 600Z needs optional connect module for integration.



COMPETITIVE ADVANTAGES



EASY TO INSTALL AND MAINTAIN



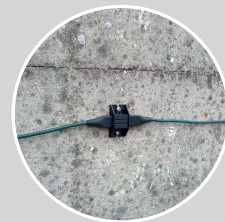
ECONOMICAL SOLUTION
in terms of quality-to-price



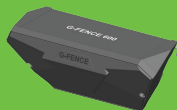
CAN PROTECT MULTIPLE COMPLEX
PERIMETERS



RELIABILITY Highest Probability of
Detection & Lowest False/Nuisance Alarm
Rates (NAR/FAR) in market.



Technical Specifications Comparison



600Z



2400 IP-65

Control Unit (UG) Part #	40670205	93421901
Description	G-Fence 600 Z Control Unit	G-Fence 2400-IP65 Control Unit
Product type	Accelerometer-based intrusion detection	Accelerometer-based intrusion detection
Link/Termination Unit (UR/UT) Part #	40670204	40670204
Cable Roll 400ft - 40 sensors Part #	40670206	40670206
G-WALL fixing kit (40 pack) Part Number:	93407901	93407901
API integration	no	yes
VMS integration	no	yes, through Smartbridge
Rohs Compliant	yes	yes
Removable terminal strip	no	yes
Operating voltage	12 VDC	12 / 24 VDC
Current consumption	188 mA with ethernet 138 mA w/o ethernet	200 mA
Weight	1.6 lb./ 0.7 Kg	2.2 lb./1.0kg
Dry contact alarm relays	10 Alarm + 1 Technical default + 1 Tamper	10 Alarm + 1 Technical default + 1 Tamper
Alarm transmission modes	Dry contact	simultaneous Dry contact, API over IP and RS485 to MAXIBUS

For the purpose of continuously improving the quality and performance of its products, Protech reserves the right to change the above specifications

Photos : © Sorhea, DR.



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MANUFACTURER OF PERIMETER INTRUSION DETECTION SYSTEMS FOR SENSITIVE SITES



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