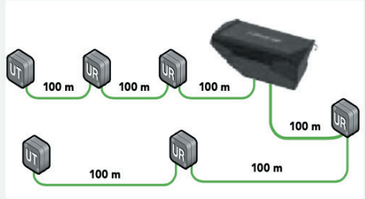
G-FENCE 2400

FENCE-MOUNTED INTRUSION DETECTION CABLES
MULTIMODE ALARM TRANSMISSION

INTRUSION DETECTION CABLES

SYSTEM ARCHITECTURE



SYSTEM
G-FENCE 2400 Control Unit - 3 alarm transmission modes Outdoor / indoor installation
Roll of 328 ft. (100 m) G-FENCE 2400 detection cable including 40 sensors
UR/UT G-FENCE 2400
Plastic or metal tie wraps available

3 SIMULTANEOUS ALARM TRANSMISSION MODES

MODE 1 *Dry contact*

MODE 2 *Modbus / API ouput*

MODE 3 *BUS output*

TECHNICAL CHARACTERISTICS

	G-FENCE 2400		
Power supply	12 to 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	328 ft. (100 m) (40 sensors)		
Maximum protection per UG	1968 ft. (600 m)		
Operating temperature	From-40°F to +158°F (-40°C up to + 70°C)		
Electromagnetic compatibility	Compliant with European standards (label CE)		
Installation recommendations	1 sensor per panel – up to total of 656 ft. (200 m) of passive 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		

	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	-40°F to 158°F (-40°C to 70°C)
Security	Compatible networks 802.1X & TLS...

NC237-EN-V1.0 04.21

PROTECH MANUFACTURER OF PERIMETER INTRUSION DETECTION SYSTEMS FOR SENSITIVE SITES

Protection Technologies, Inc.
529 Vista Boulevard, A-3 • Sparks, Nevada 89434
Telephone: (775) 856-7333 • Fax (775) 856-7658
800-428-9662 • info@protechusa.com

protechusa.com

INTRUSION DETECTION CABLES

G-FENCE 2400

FENCE-MOUNTED INTRUSION DETECTION
FEATURING (3) ALARM TRANSMISSION OPTIONS

KEY FEATURES

- **Simplified installation**
- Alarm triggers over IP network, relay contact or Modbus/Maxibus head-end
- Multiple settings and **configurable alarm zones**
- **Remote configuration, maintenance and software updates**
- **Simultaneous multimode alarm transmission**
- **MAXIBUS Universal compatibilty:** integration with all leading VMS platrorms

G-FENCE 2400

FENCE-MOUNTED INTRUSION DETECTION SYSTEM
MULTIMODE ALARM TRANSMISSION

ACCELEROMETER-BASED SENSOR

SYSTEM DESCRIPTION

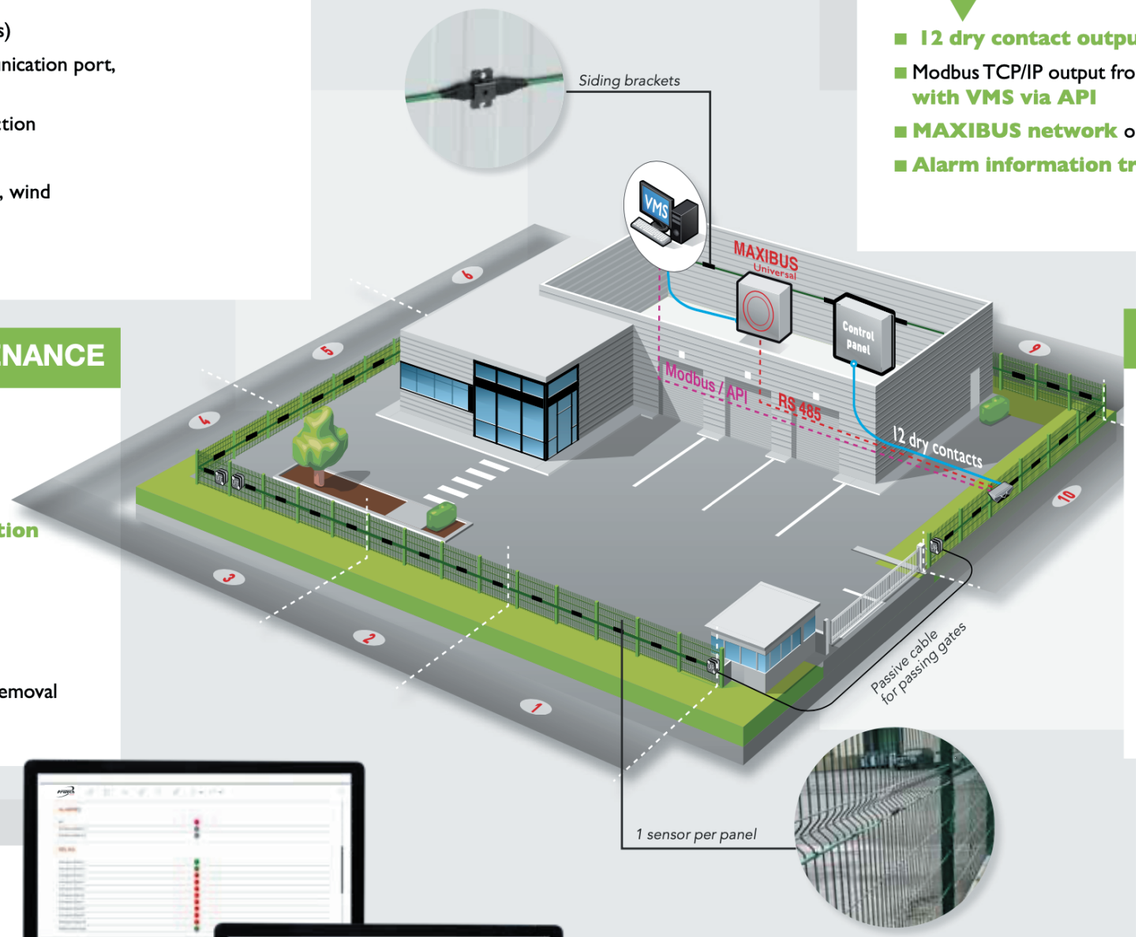
- **Up to 1968 ft.** (600 m) **of protection** per Control Unit (UGs)
- UG compatible with MAXIBUS Universal: up to 4 UGs per communication port, or **7872 ft.** (2400 m) **of protection** per communication port
- **Up to 656 ft.** (200 m) **of passive cable** can be added per section
- 12 alarm contacts 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 localization)
- Localization of **cable cutting and intrusion to 10 ft. (3 m)**

Suited to all types of support...

- Installation **indoors** or **outdoors** possible
- **Warehouse siding application:** detects attempts at cutting, removal or perforation of siding panels



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, compatible
- **Alarm information transmission occurs simultaneously in all modes**

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
  - remotely via Control Unit web interface or MAXIBUS
- **Optimization of implementation and maintenance times**

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 outer jacket** for installations on concertina / barbed wire

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 SITES

- **Integration with all leading VMS platforms**
- **Easy integration:** API available
- **Secure** data transmission: **802.1x,** TLS, etc.
- **Various** alarm transmission **protocols:** ModBus, API
- **Dry contact** outputs