



G-FENCE 2400-IP65

Fence-Mounted
Intrusion Detection



Accelerometer-Based Technology Provides Distributed Intelligence

- Control Unit protects 1968 ft. (600m) - 8 ft. fence panels
- Control Unit protects 2400 ft. (720m) - 10 ft. fence panels
- Compatible with MAXIBUS - up to 16 Control Units can be used with each MAXIBUS
- Works on most types of fences – chain link, steel, wrought iron, anti-climb, mesh
- Highly immune to inclement weather - heavy rain, strong winds, icy conditions
- High probability of detection (PD) - low nuisance-alarm-rate/false-alarm-rate (NAR/FAR)

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
- 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
- Localization of intrusion and cable-cut to 10 ft. (3m)
- Pre-installed Surge Protectors use -LSP1 or -LSP2 suffix to specify

Key Features

- Simplified installation with removable terminal strip
- Remote configuration, maintenance and software updates
- 3 Simultaneous multimode alarm transmission options
- MAXIBUS compatibility
- Integration with all leading VMS platforms
- IP65/NEMA 4X rated enclosure

Multiple Settings and Zoning

- 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
- Possibility to configure one zone per sensor and up to 10 detection zones per control unit

Optional Reinforced Cable

- Cable protected in outer jacket

Multimode Alarm Transmission

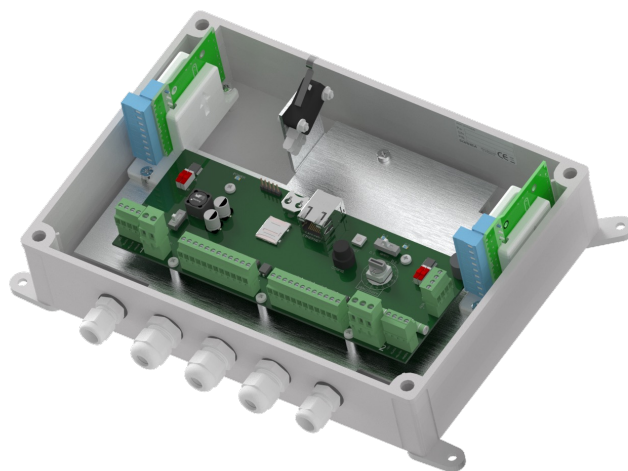
- 12 dry contact outputs - (10 alarm, 1 tamper, and 1 technical defect)
- TCP/IP output from the Control Unit
- Direct integration with VMS via API or SmartBridge
- MAXIBUS Network compatible (Modbus RS485)
- Alarm information transmission - occurs simultaneously in all modes

Remote Management

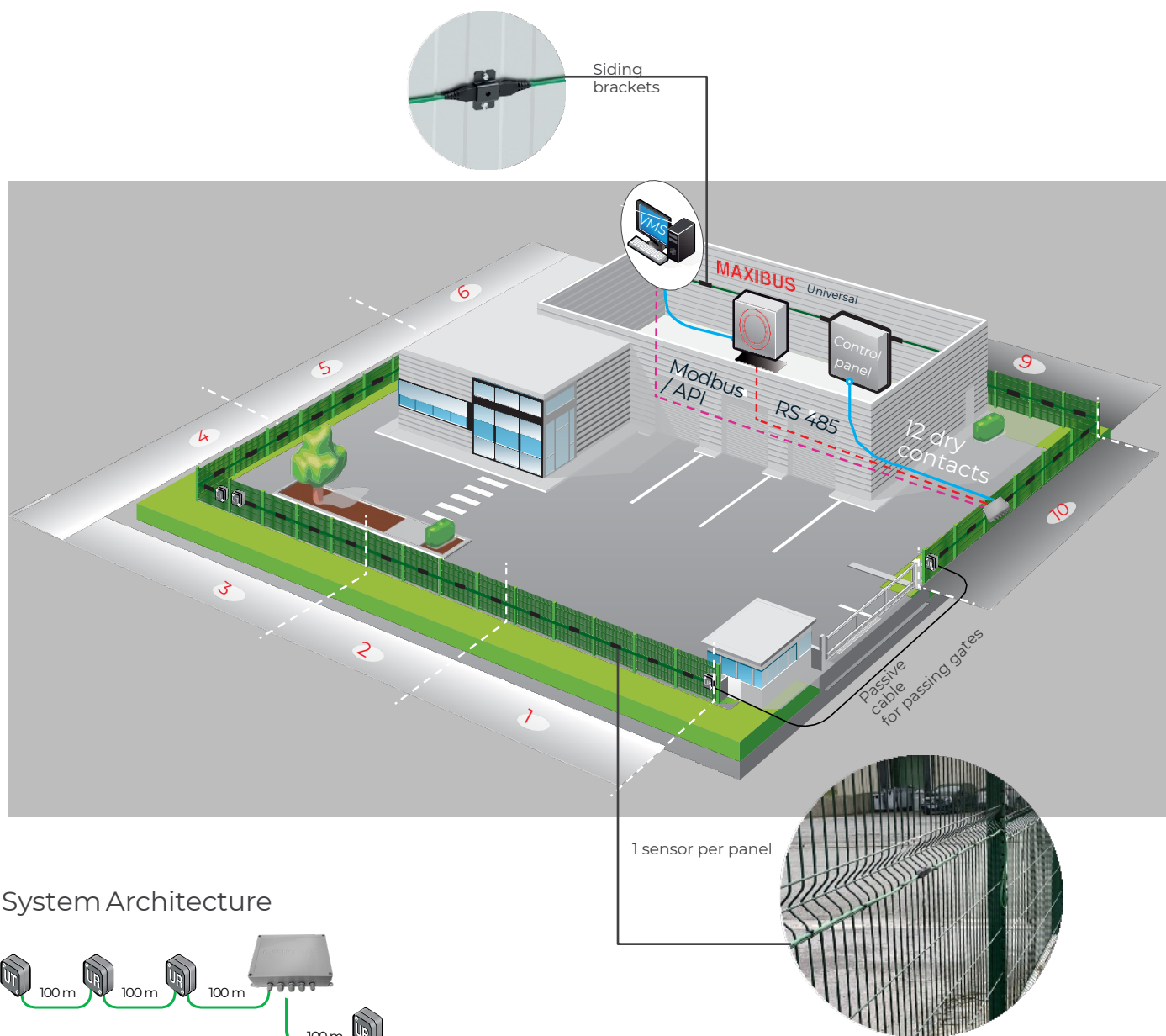
- Remote configuration via MAXIBUS or via Control Unit on IP network
- Remote maintenance:
 - Time and history log: localization of triggered sensor
 - Real-time visualization of system status, intrusion localization
- Control Unit updating :
 - Locally via SD card
 - remotely via Control Unit web interface or MAXIBUS
- Optimization of setup and maintenance times

Maxibus Compatible

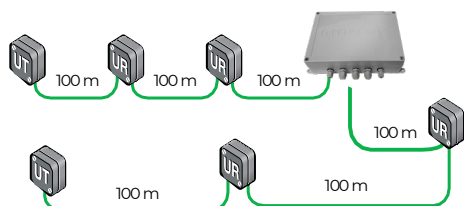
- Alarm management
 - Centralization of all system alarms to a single point
 - Remote access to products: configuration and maintenance
 - Embedded web server
 - Time and date stamped history of alarm events
- Designed for simplified integration on all sites
 - Integration with VMS
 - Easy integration: API available
 - Secure data transmission: 802.1X, TLS...
 - Various alarm transmission protocols: ModBus, API
 - Dry contact outputs: up to 136 relays
 - Surge Protectors pre-installed options available



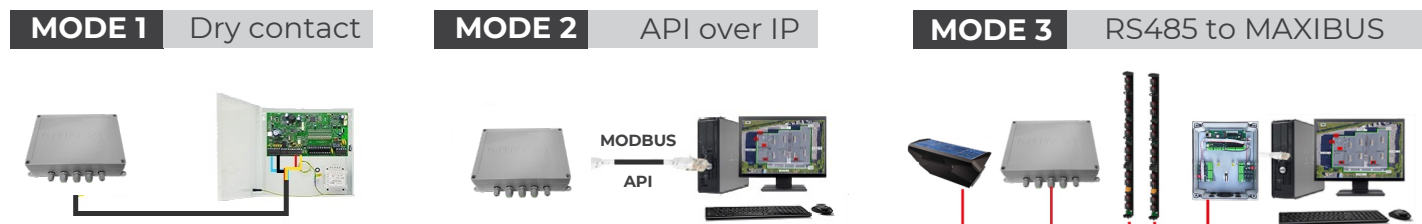
G-FENCE 2400-IP65 with pre-installed surge protectors



System Architecture



3 Simultaneous Alarm Transmission Modes



TECHNICAL SPECIFICATIONS

G-FENCE 2400-IP65			
Power supply	12 to 24Vdc		
Alarm information (12 alarm outputs)	Control Unit (UG)	Detection zones	System
	Tamper	Intrusion (10 ZONES)	Perimeter defect (cut cable)
Alarm transmission (3 modes)	Dry contacts - API over IP - RS485 to MAXIBUS		
Protection length per roll (40 sensors)	328 ft. (100m) 8 ft. fence panels - 400 ft. (120m) 10 ft. fence panels		
Maximum protection per Control Unit	1968 ft. (600m) 8 ft. fence panels - 2400 ft. (720m) 10 ft. fence panels		
Operating temperature	From -40°F to +158°F (-40°C up to +70°C)		
Enclosure ratings, IP / NEMA	IP65 rating; NEMA Class:1, 4, & 4x		
Electromagnetic compatibility	Compliant with European standards (label CE)		
Installation recommendations	One sensor per panel - up to total of 656 ft. (200m) of passive cable (per direction of detection cable)		
Configuration	Sensitivity setting per sensor or per direction and number of impacts per zone		
Remote maintenance	Embedded web server		
MAXIBUS HUB			
Configuration tools	Embedded web server		
Alarm transmission (3 modes)	Dry contacts - API over IP - RS485 to MAXIBUS		
4 communication ports	4 Control Units per communication port		
Power supply	12 Vdc		
Operating temperature	From +32°F (0°C) to +131°F (+55°C)		
Compatible networks	802.1X & HTTPS		
SYSTEM			
93421901	Control Unit G-FENCE 2400-IP65 - Relay Outputs, Maxibus Integration & API Integration		
93421901-LSP1	Control Unit G-FENCE 2400-IP65 - Relay Outputs, Maxibus Integration & API Integration w/Lightning Surge Protector integrated on Channel A		
93421901-LSP2	Control Unit G-FENCE 2400-IP65 - Relay Outputs, Maxibus Integration & API Integration w/Lightning Surge Protector integrated on Channel A&B		
40670206	Roll of 400ft. (120 m) G-FENCE 2400 detection cable, including 40 sensor		
40670204	UR/UT G-FENCE 2400		
82800187	Magnetic G-Fence Gate Connector		
82201148	Coated Metal Stainless Steel Metal Tie Wraps (Bag of 100)		