



## The First Multiple sensing Transducer for perimeter detection

### Transducer Specifications

Resolution/intrusion detection

- ± 3 meter, access to each node

General

- Vibration, Temperature, Magnetic, Active Self-Testing
- Internal computer algorithms & Filters

Input voltage

- 12VDC Less then 500mA for a-750 meters chain

Physical Data Input/Output

- RS485 with Sabra protocol

Data exchange with SabraHub

- Vibration Alarm with classification
- Temp Alert/Alarm (Exceed High/Low Limits)
- Magnetic Event
- Line tamper
- Event history
- Wind condition
- Live signal – Active self-test with internal vibrator engine.

Operating Temperature

- -20°C to 70°C

Humidity

- 0% to 100 %

### SabraHub Specifications

Configuration

- Support 2 chain of 750 meters
- Expandable up to 4 chains of 750 meters

General

- X86 embedded PC platform
- Build in database storage
- Interfaces - USB, LAN, RS485, RS232
- Dry Contact I/O

Input voltage

- 5VDC Less then 2A

Data exchange with Alarm System/External/remote Systems

- RS485 adaptive to any unique protocol

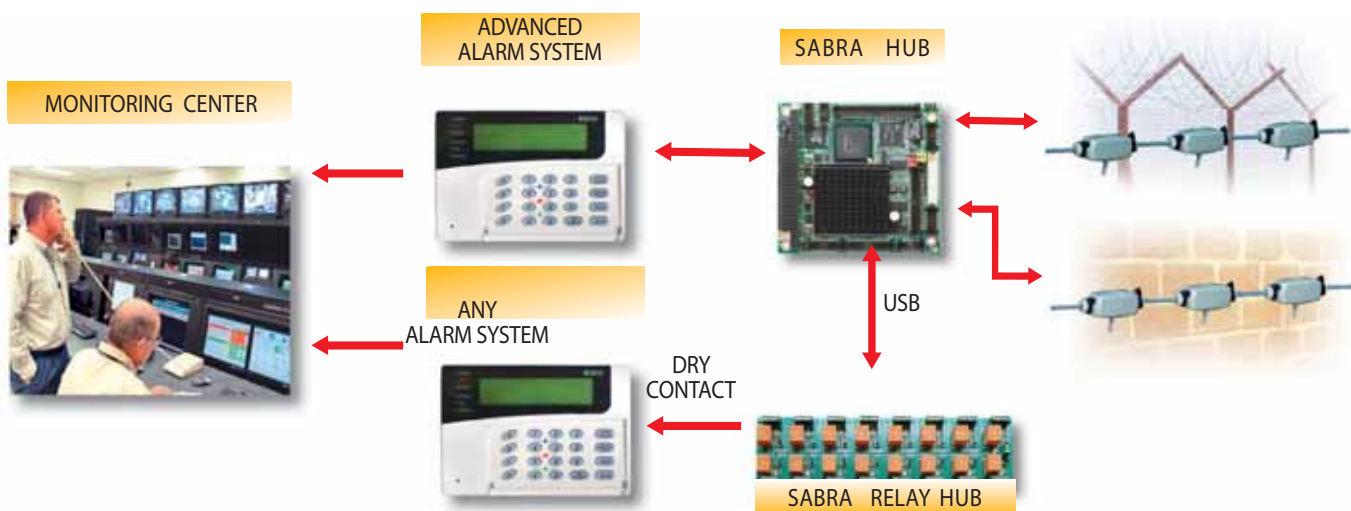
Physical Data Input/Output to Transducers

- RS485 with Sabra protocol

Data exchange with SabraFence Transducers

- Vibration Alarm with classification
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### System Architecture



SabraFence0.0.4



# SabraFence™

**The First Multiple sensing Transducer for perimeter detection**

Vibration  
Event



Magnetic  
Event



Temperature  
Event



Active  
Self-Test



Patent Pending

Over the years Electronic fencing systems have proved high detection efficiency. They are not commonly used by the private & commercial markets due to high installation and maintenance costs.

SabraFence is an innovated cutting edge technology multiple sensing transducers for perimeter and security systems.

It is an add-on system to any fence, wall or perimeter obstacle.

SabraFence provide excellent detection resolution within each sensor in the chain.

Using CPU on each sensor we provide ability to analyze signals on spot.

The sensor algorithms are adaptive and can be updated by user.

- Vibrations detection
- Temperature detection
- Magnetic Sensor
- Internal Vibrator for Self-test

## MAIN FEATURES:

- Easy to install and link to existing alarm systems
- No field processors, power or boxes ( up to 10000 Ft )
- Multiple Sensing & detection ability in the same Transducer & Communication lines.
- Transducers are fully weatherproof – IP67 standard.
- Active mechanical self test using coin vibrator – Patent pending.
- Build-in temperature/fire detector.
- Build-in magnetic sensor for passageway.
- Easy interface either with PC/Laptop or off the shelf Alarm systems using Sabra HUB.
- Easy installation – can be installed on any type of existing fence or wall.
- Low price.

- Innovation
- Novelty
- Affordable
- Excellent Performances
- Cutting Edge Technology
- Easy to Install & Configure

**Commercial, Private, Civil, Industry, Governmental, Military**



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