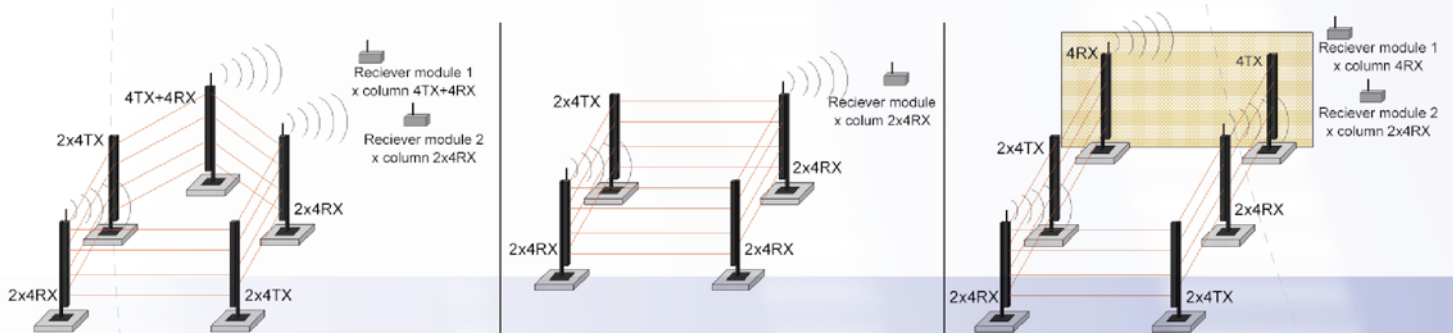


> TECHNICAL SPECIFICATIONS

Outdoor range	50 m (155ft) - 100 m (300ft) - 200 m (600ft)
Range of radio module	400 m (1312ft) on open field
Electronics power supply voltage	10.5 -14 VDC/AC Power supply voltage for control electronics separate from that for heater
Power consumption with heater off	140 mA each column
Power consumption with heater on	680 mA each column
Height of columns	1 m - 1.5 m - 1.90 m
Infrared wavelength	950 nm
Radio transmitter	Multi-channel between 433.125 MHz and 434.7 MHz, Power output 10 mW / 50 Ohms, license-free
Operating temperature range	-25° C (with thermostatically controlled heating) to +55° C
Cell orientation	180° in horizontal plane and + or - 10° in vertical plane
Management of beams	4 selectable pulse-infrared frequency channels
Heating	Thermostatically controlled on all columns
Alignment	Optical sighting lens in each cell, control indicator light for proper alignment, output for measurement of incoming signal
Wiring	Pre-wired columns
Options	Integrated 230 V or 110 Vac power supply
Output	NC tamper output 1 timed disqualification output switch and control indicator light 1 intrusion output per NC switch and control indicator light

- Adjustment via potentiometer of detection response time
- Auto-surveillance and disqualification via output switch
- Intrusion output switch and control indicator light
- Voltage for electronic control components independent from voltage for heating

> CONFIGURATION EXAMPLES



SORHEA has developed a product range specifically designed for the surveillance of mobile or temporary sites. These products are easy and quick to install, avoiding any change on the site. Any intrusion is detected and relayed by radio to the control panel in a security control station.

> SEMI-MOBILE PROTECTION : VIGIRIS II

The system consists of bi-directional 2 meter high infrared columns with 4 beams per direction, mounted on concrete blocks. Alarm information is relayed by radio to a receiver module with 8 relay outputs. The pre-wired columns have an integrated 230Vac power supply.

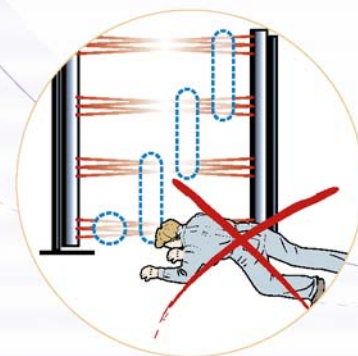
Vigiris II has been specifically designed to simplify its installation. With their integrated alignment tool, the columns are to be fixed on their concrete blocks with 230Vac power supply to be operational.

Vigiris II is especially adapted to protect sites where no modification is possible :

- Exhibition tents
- Temporary storage sites
- Jobsites
- Parking areas
- Temporary supplementary reinforcement for the performance alarm systems

Vigiris II columns are to be used outdoors and have 3 independent levels of protection.

With DIS Technology (Dual Interlaced Scanning), each cell integrates the dual function of transmitter and receiver. Therefore, all the columns are identical. The infrared beams that are created are multiplexed and optically synchronized at a frequency of 100Hz.



FLEXIBILITY



Rapid deployment, absence of transmission cables between transmitter units/columns and the central alarm control panel.

MOBILITY



The system can be installed on any type of site

SIMPLICITY OF INSTALLATION



Integrated alignment tool facilitates set-up

EASY-TO-USE



Central alarm control panel radio-linked

MODULAR DESIGN



Possible to install up to 8 barriers on the same site