



Intrusion detection perimeter with infrared barrier

COLIRIS II

Active infrared Column - D.S.D technology



The + Products: D.I.S technology

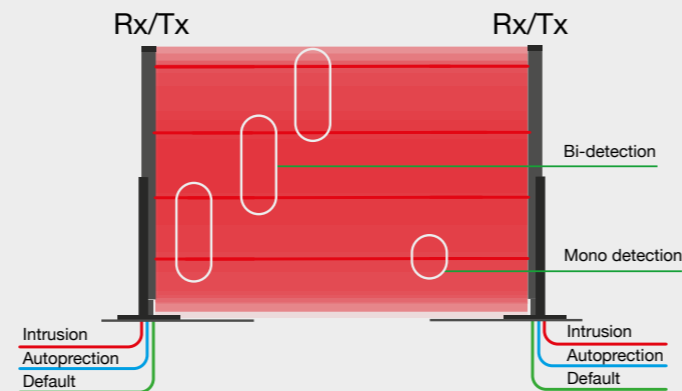
- Simple wiring
- Easy and reliable deployment
- Columns are easy to set up



COLIRIS II

D.I.S. Infrared technology

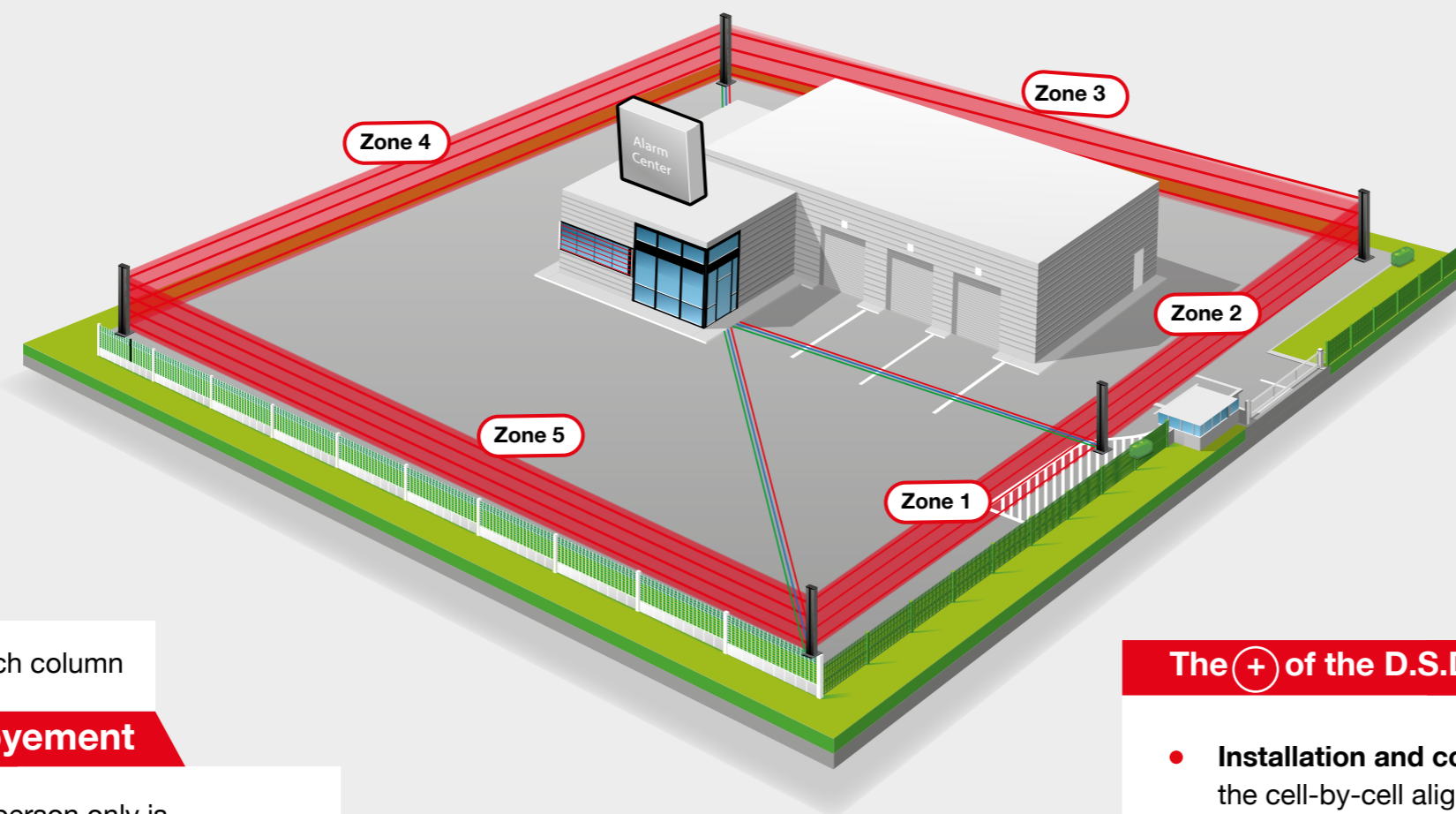
With D.I.S technology it is possible to use identical columns fitted with a dual transmitter/receiver function.



D.S.D Infrared technology

- Infrared barriers made of transmitter cells generate pulsed IR beams aimed at receiver cells. Then, receiver cells turn IR beams into electrical signals.
- D.S.D technology makes it possible to manage cells separately.
- D.S.D. technology is based on optical synchronization between transmitter and receiver columns.

- DYNAMIC** : cell-by-cell infrared scanning
- SCANNING** : 1000 beams / second
- DETECTION** : improved opacity of the detection wall



Easy wiring

- Alarm contacts available in each column

Easy and reliable deployment

- Built-in alignment feedback: 1 person only is needed for cell alignment

Proper column location easily defined

- 1 infrared channel by barrier (4 channels available): serial mounting can be used

The (+) of the D.S.D Infrared Technology:

- **Installation and configuration are simple and quick** : thanks to the cell-by-cell alignment.
- **Enhanced detection power** with 4 infrared cells per detection zone: reinforcement of the infrared wall.
- **Very low rate of unwanted alarms** thanks to three detection modes:
 - Cutting through 1 Infrared cell
 - Cutting through 2 adjacent infrared cells

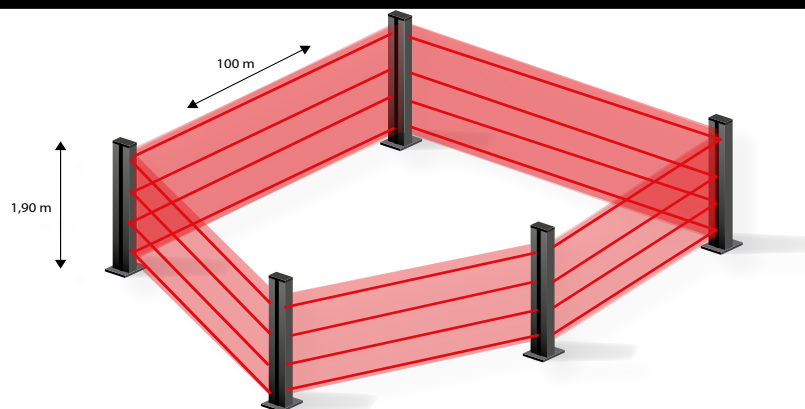


Technical Specifications

Detection range	50m	100m
Power Supply	12Vdc / power supply option 110Vac/230VAC - 60Hz/50Hz and battery 12Vdc 1,2Ah	
Power consumption (with 12Vdc)	80mA (4 cells column)	
Height of the columns	1.10m - 1.5m - 1.9m	
Maximum number of cells.	4	
Beam management mode	D.S.D technology	
Operating Temperature	-35°C to +70°C	
Alarm information	Intrusion - Disqualification - Self-Protection	

Configuration example

With 5 columns 1.90m high, 4 cells, 100m range



Equipment required	COLIRIS II
Columns	5 x column 1m90 SF/DD 4 Cells - Ref: 30540606
Mountings	5 x Poles 2m - Ref: 35176800
Options	
Power Supply 110Vac/230Vac	5 x Ref: 30541100
12 VDC Battery for power option	5 x Ref: 35145000
Non supporting cover	5 x CAA 360° - Ref: 35180300 envelope 3000
Cable Protection	5 x Cable Protections - Ref: 35172805 envelope 3000



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