



Perimeter Intrusion Detection Systems

APIRIS 3100

Triple Technology Barrier



Very High Performance barrier

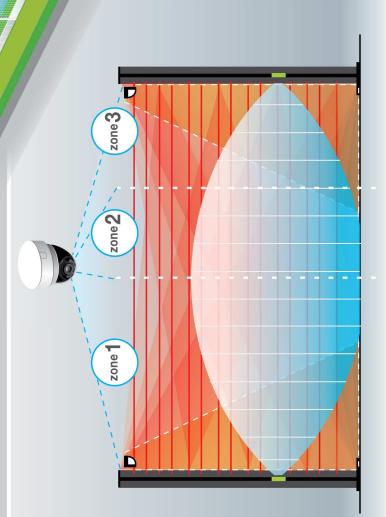
- **Triple Technology:** Active infrared, PIR sensor (Passive Infrared), Microwave
- **ZONING function** integrated
- **IP technology** for remote set up and maintenance



infrared
range

Triple Technology

- 3 technologies for reliable detection:
 - Infrared beams multiplexed by **wired synchronisation**
 - **Microwave Barrier** for all-weather operation
 - PIR sensor (passive infrared) for detection at bottom of the columns
- Setting of the **detection zones** (limited to the upper barrier zone and PIR use)
- Detection modes set by zone ("AND"/"OR" modes per technology)

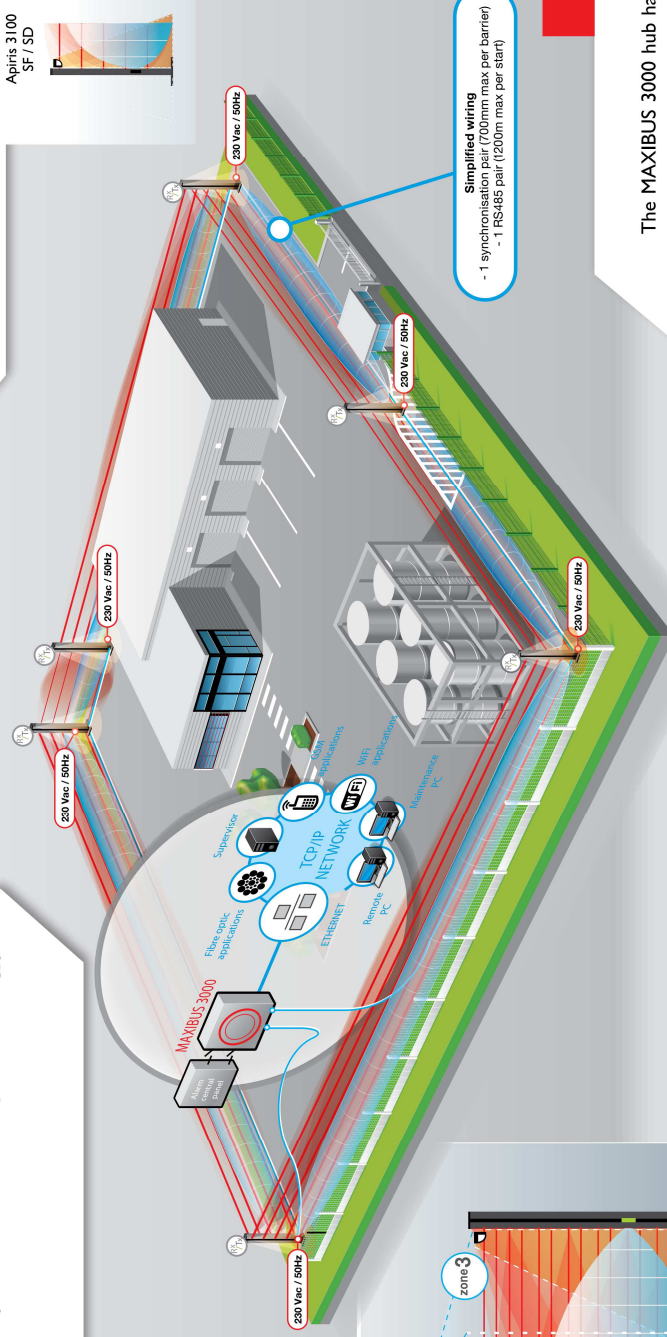
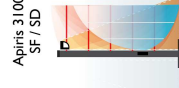


High Performance Detection

- 3 technologies integrated with **1 single operating interface** (1 general alarm)
- **ZONING** function
- Independent management of beam
- Integrated anti-climbing cap

Pre-wired columns

- Simple or double face column
- **Up to 10 cells per 3m column** (28 beams in Single Direction and 56 beams in Double Direction)
- **Multiple detection mode:** Single, Dual or Triple detection
- 3 column heights available: 2m, 2.5m and 3m



IP technology

The MAXIBUS 3000 hub has an Ethernet connection. Each APIRIS 3100 column can be set up locally or remotely thanks to the integrated web server.

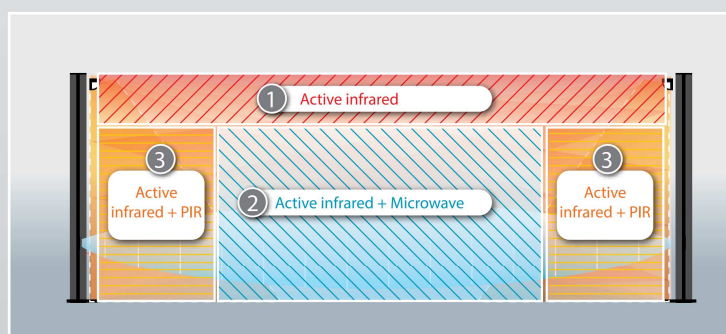


- **Remote** maintenance and set up
- **Alarm** log history
- **Graphical view** of the columns on site (mapping option)
- Active IR and Microwave technologies configuration

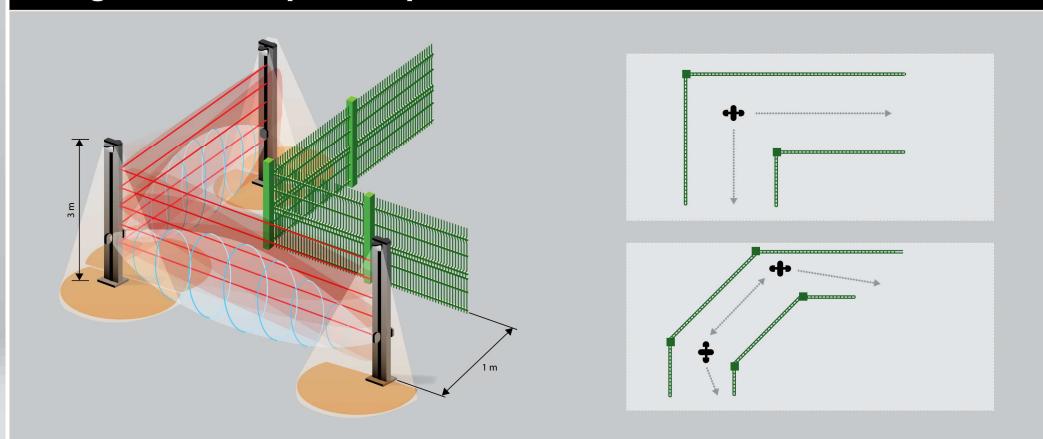


APIRIS 3100

Maximum outdoor range	100 m		
Height of the columns	2 m	2.5 m	3 m
Alarm outputs	COLUMN: RS 485 compatible MAXIBUS 3000 - 2 dry contacts MAXIBUS 3000: - Ethernet (RJ45 in each column) compatible ModBus TCP server/client - Dry contact outputs: from 8 to 136 relays maximum per hub		
Power supply	110 Vac/230 Vac - 60 Hz/50Hz		
Alignment tools	Buzzer and leds inside each column		
Operating temperatures	from -35°C (-31°F) to +70°C (+158°F) - Thermostat heater in each column		
Electromagnetic compatibility	Compliant with European standards (CE approval)		
Configuration tools	• Integrated web server inside each column • Integrated web server inside the MAXIBUS 3000 hub: remote access via internet connection		
HTML server functions	• Password protection • Parameter viewing/entry • Visualization of the log history and the state of the barrier		



Configuration example for a prison



Dealer stamp



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SORHEA provides you with the detailed data sheets of its products upon request.

In order to continuously ensure the high standard of quality and performance of our products, we reserve the right to modify the present technical data without notification.

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