



Perimeter Intrusion Detection Systems

APIRIS 3100

Triple Technology Barrier



Maxibus Universal



Zoning



IP Technology

Very High Performance barrier

- **Triple Technology:** Active infrared, Doppler sensor and Microwave
- **ZONING function** integrated
- **IP technology** for remote set up and maintenance



Triple Technologie

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

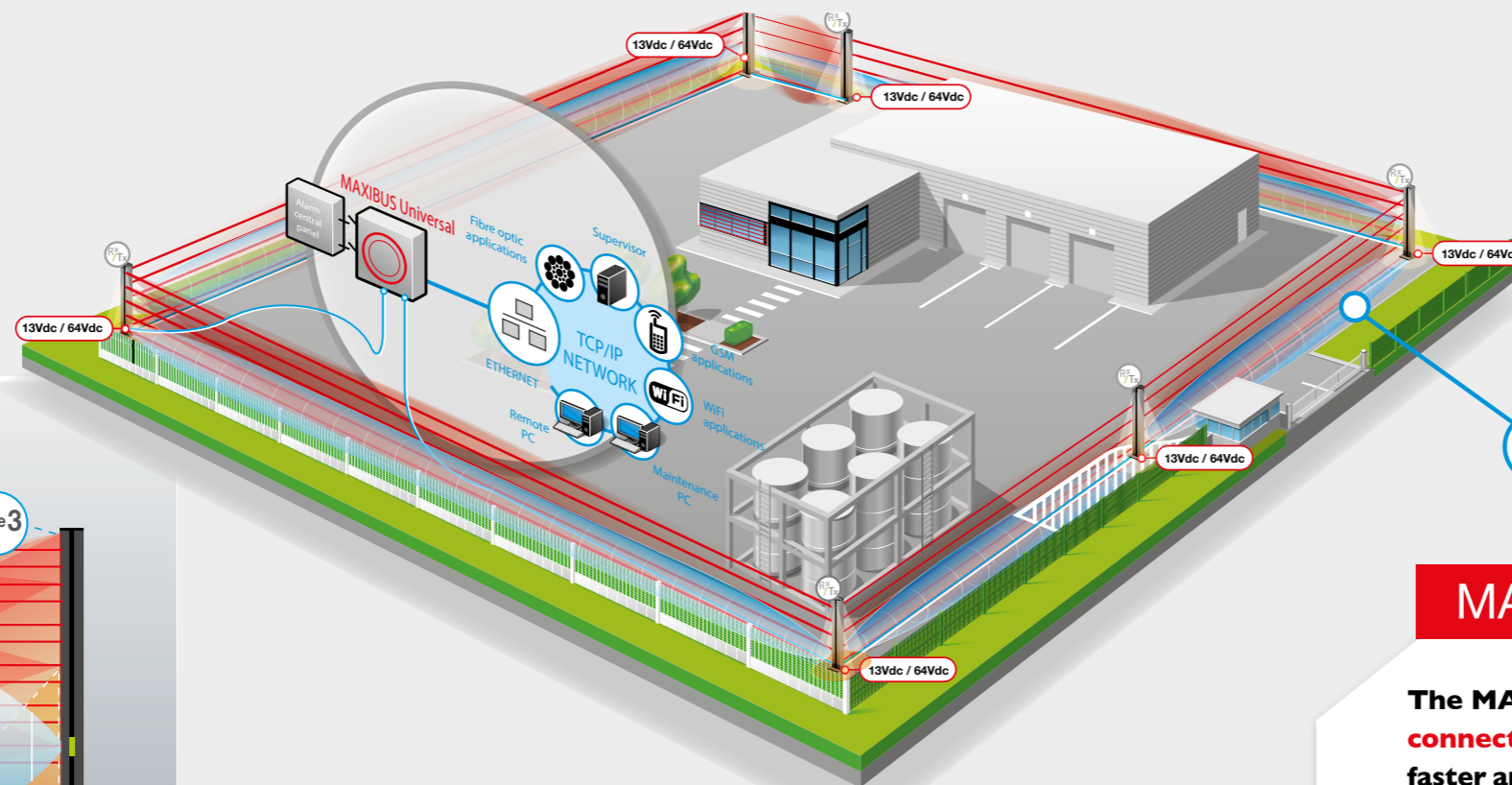
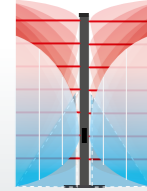
Pre-wired columns

- 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

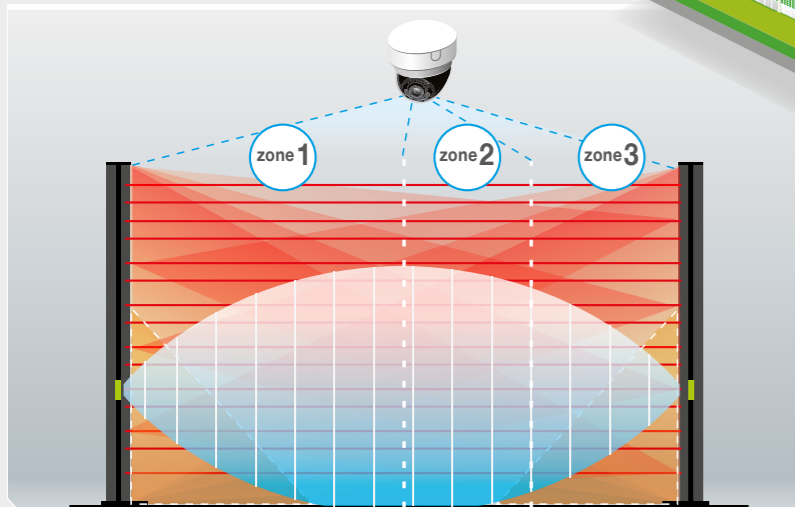
Apiris 3100 SF / SD



Apiris 3100 DF / DD



Cables
 - 2 wires synchronization (700m (2296 ft) maxi per barrier)
 - 2 wires RS485 (1200m (3938 ft) maxi per Network)



MAXIBUS Universal : Technologie IP

The **MAXIBUS Universal** is equipped with an **Ethernet connection**. A secure Linux operating system makes the interface faster and more user-friendly. Each system can be configured locally or remotely thanks to its web server.

High Performance Detection

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

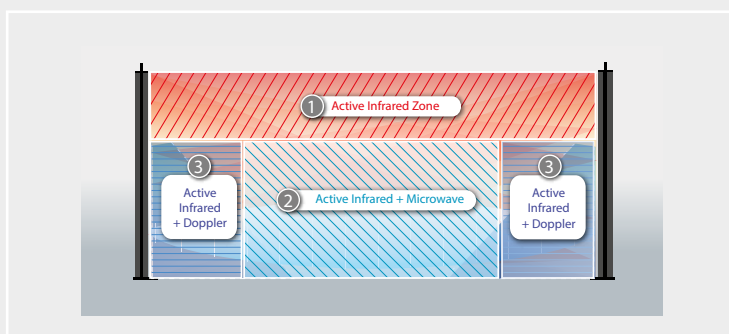


- **4 communication ports** : can handle up to **128 APIRIS columns** (4 x 32 columns)
- **Compatible with Milestone & Genetec VMS**
- **Remote set-up & maintenance and alarm log history**
- **Graphical view of the columns on site**

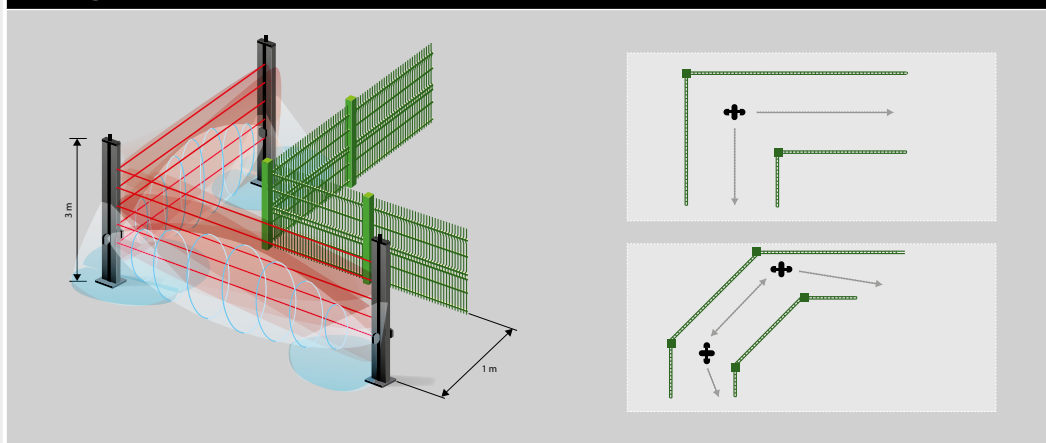


APIRIS 3 I00

Maximum outdoor range	100 m		
Height of the columns	2 m	2.5 m	3 m
Alarm outputs	COLUMN: RS 485 compatible MAXIBUS Universal - 2 dry contacts MAXIBUS Universal: - 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 to +70°C - Thermostat heater in each column		
Electromagnetic compatibility	Compliant with European standards (CE approval)		
Configuration tools	<ul style="list-style-type: none"> • Integrated web server inside each column • Integrated web server inside the MAXIBUS Universal hub: remote access via internet connection 		
HTML server functions	<ul style="list-style-type: none"> • Password protection • Parameter viewing/entry • Visualization of the log history and the state of the barrier 		



Configuration example for a prison



Seal of the retailer



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.