SORHEA

MAXIRIS 3000 / 3100

High Performance Infrared Barriers

http:// Maxibus 3000

1 2 3 Zoning

IP IP Technology

Multiplexed IR

ZONING & IP

- **Innovative Zoning Function**

- **IP Technology for Maintenance and Set up at distance**

- **Modularity with 2 different frames available**

- **High detection performance**

Maxiris 3000   Maxiris 3100

infrared
technology

ZONING Fonction

- **Up to 3 detection zones** with adjustable length
- **Optimized control of cameras**

zone 1 zone 2 zone 3

100 m

Maxibus 3000: IP Technology

The MAXIBUS 3000 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.

- **4 communication ports : can handle up to 128 MAXIRIS 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**

Cables
- 1 pair synchronization (700m maxi per barrier)
- 1 pair RS485 (1200m maxi per Network)

110 Vac / 60Hz
230 Vac / 50Hz

GSM applications
WiFi applications
Supervisor
TCP/IP NETWORK
Maintenance PC
Fiber Optic Application
Remote PC
ETHERNET
MAXIBUS 3000
Alarm Control Panel

Modularity

The MAXIRIS 3000/3100 infrared barriers propose 2 different frames, to adapt to every site configuration.

MAXIRIS 3000

- Maxiris 2000 frame
- Simple face column
- Up to 36 beams per direction
- Zoning: from 4 to 10 cells per column (top beam left uncut)
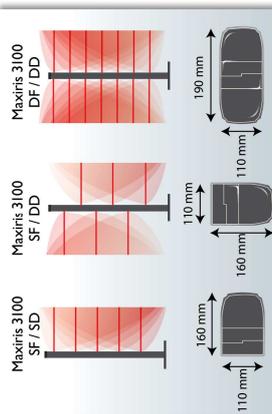- Adapted column height :

SF : Single Face
DF : Double Face
SD : Single Direction
DD : Double Direction

Maxiris 3000 SF / DD — 115 mm / 117 mm
Maxiris 3000 SF / SD — 117 mm / 115 mm

	SF / SD	SF / DD
1,10 m	8 Beams	-
1,90 m	18 Beams	8 Beams
2,50 m	24 Beams	12 Beams
3 m	32 Beams	14 Beams
3,80 m	36 Beams	18 Beams

Beams per direction

MAXIRIS 3100

- Maxiris III frame
- Simple and Double Face column
- High density of beams : max 64 beams per 3 m column in double direction
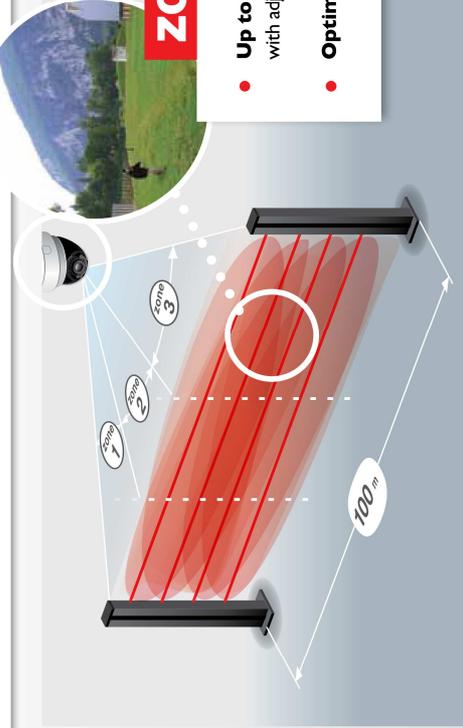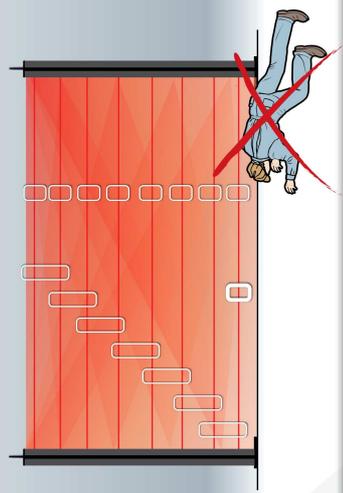- Zoning: from 4 to 10 cells per column (top beam left uncut)
- Adapted column height

Maxiris 3100 SF / SD — 160 mm / 110 mm
Maxiris 3100 SF / DD — 160 mm / 110 mm
Maxiris 3100 DF / DD — 190 mm / 110 mm

	SF / SD	SF / DD	DF / DD
1 m	6 Beams	-	6 Beams
2 m	20 Beams	10 Beams	20 Beams
2,50 m	24 Beams	12 Beams	24 Beams
3 m	32 Beams	14 Beams	32 Beams

Beams per direction

High Performance Infrared

- **Mixed cells Transmitter/Receiver**
- Single / Dual / Triple Detection
- **Bottom beam control**
- Detection transfered to next beam in the event of an ejected zone

110 Vac / 60Hz
230 Vac / 50Hz

TECHNICAL CHARACTERISTICS

	MAXIRIS 3000					MAXIRIS 3100			
Inside maximum range	500 m								
Outside maximum range no matter what the weather conditions	100 m								
Height of the columns	1,1 m	2 m	2,5 m	3m	3,8 m	1 m	2 m	2,5 m	3 m
Intrusion alarm information	Up to 3 intrusion zones (distance can be configured)								
Alarm outputs	RS 485 on each column, compatible with MAXIBUS 3000 Ethernet (RJ45 in each column) compatible ModBus TCP/IP server/client Dry contacts output: from 8 up 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 - Thermostatic heater in each column								
Electro magnetic compatibility	In compliance with European standards (CE approval)								
Configuration tools	• Integrated web server inside each column • Integrated web server inside the MAXIBUS 3000 hub: access at a distance via internet connection								
HTML server functions	• Password protection • Reading/Entry of the parameters • Visualization of the log history and the state of the barrier								

Configuration Example
Example with 5 columns, 2.5 m, 4 cells, Network, closed loop, 3 detection zones per barrier
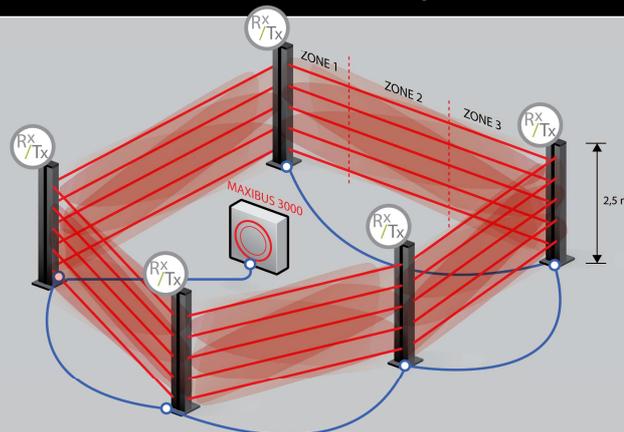
Required parts	MAXIRIS 3000	MAXIRIS 3100
Columns	*5 x column 2m50 (8.2 ft)* *SF/DD 6E/6R - Ref : 30700306*	*5 x column 2m50 (8.2 ft)* *DF/DD 6E/6R - Ref : 30701308*
Brackets	*5 x pole 2m50 (8.2 ft) - Ref : 35205200*	*5 x Floor sockets - Ref : 30580001*
Hub	*1 x Universal hub MAXIBUS 3000 - Ref : 40670006*	
Extension cards	*3 x Extension cards - Ref : 35588419*	
Options		
Back up battery	*5 x Ref : 35145000*	
Anti-climbing cap	*5 x CAA 360° - Ref : 35180300*	*Integrated*
Cable protection	*5 x Cable protection - Ref : 35172805*	*Included in the frame*

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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