

MAXIRIS 2000

Network Infrared barriers



EASY INSTALLATION

Integrated alignment tools.
Installation by one person.

RELIABILITY

Synchronization and
multiplexing of beams.

PRODUCT LINE

5 types of columns.
6 heights from 1.1 m to 5 m.

PRINCIPLE

Invented and developed by *SORHEA*, **MAXIRIS 2000** is the first infrared column on the market equipped for network management. The reliability of detection (up to 32 beams per barrier), combined with remote management and maintenance, makes **MAXIRIS 2000** a high performance exterior infrared column. This line of products offers a column height up to 5 m, thereby making it adaptable for all possible configurations.

For precise analysis of beam interruptions, the column also includes a time-stamped real-time log of the last 100 events.

MAXIRIS 2000 is equipped with simplified alignment tools, allowing one individual to perform the adjustment:

- » optical sighting on each cell.
- » visual and audio indicators of the alignment level,
- » output for calibration of the incoming signal level for each receiver using a back alignment transmitter.

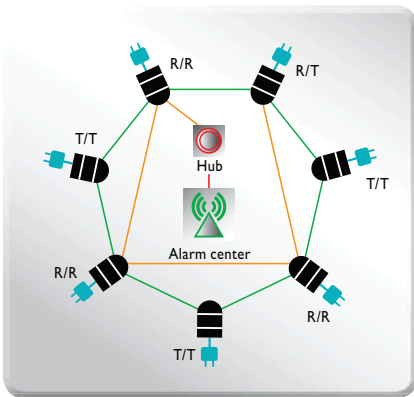
APPLICATIONS





The reliability and modularity of the **MAXIRIS 2000** columns allows installation on the majority of sites:

- » surveillance of military installations, nuclear plants, prisons, etc.
- » surveillance of supply bases
- » protection of subways, airports, etc.



» THE MAXIBUS NETWORK



-  POWER SUPPLY
-  HUB - CONTROL PANEL connection
Cable SYTI
-  NETWORK:
Twisted pair shielded cable
Section 0.34 x mm²
-  SYNCHRONIZATION
Cable SYTI

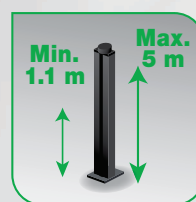
MAXIRIS 2000 is the first networked infrared column. Network management is achieved via the **MAXIBUS** hub, which centralizes the alarm terminals for the entirety of the receiver columns connected to the network. Using a connected PC or a dedicated terminal, it is possible to change the configuration of each column (operating mode, response time, etc.) to configure them relative to the site installation and perform maintenance. Networking the barriers, thanks to the **MAXIBUS** hub, offers the advantage of simplified wiring, in addition to remote diagnosis of the system.

Modification of the settings is carried out thanks to the maintenance terminal TMI711 or by using a PC equipped with the **WINMAXI** software application. The principal settings that can be changed are:

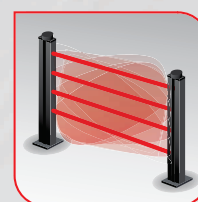
- » mono-detection / dual-detection / tri-detection
- » response time of beams (between 40 ms and 1 sec.)
- » time-delay for the low beam (40 ms and 5 sec.)
- » ejection of 1 or more beams
- » time-delay for the fog detector (1 sec. and 4 min.)

Detection level

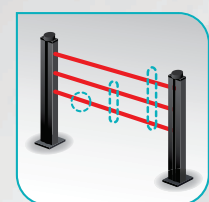
- » Multiple configurable levels of detection.
- » Mono-detection, dual-detection, tri-detection.
- » Up to 32 entirely configurable beams.



Detection height



4 to 32 beams



Mono-/Dual-Tri-detection

TECHNICAL SPECIFICATION

Exterior range	100 m
Height of columns	1.10 m 1.90 m 2.50 m 3 m 3.80 m 5 m
Number of Beams	4 to 32
Control Method for beams	Multiplexed and synchronized via wire link
Power supply	110 Vac / 230 Vac - 60 Hz/50 Hz
Alarm information	Intrusion Disqualification Tamper External alarm inputs (ex: Anti-climbing cap) Technical alarm "no power"
Operating temperature	-35°C to +55°C
Protection index	IP335