

MAXIRIS

High-Performance Active Infrared Barrier



Highly Reliable Infrared

- Over 35 years' experience in infrared technology
- Intruder size filtering using several simultaneous detection modes:
 - Standard modes: mono-detection, bottom beam mono-detection and dual-detection
 - Triple-detection: alarm on interruption of 3 cells limiting false alarms (in particular animals)
- Intruder speed filtering: alarm timing
- Combination of the two filters: reduction in number of unwanted alarms
- Multiple heights and high cell density:
 - Up to 10 cells for 6 ft. (2 m) high towers
 - Up to 14 cells for 10 ft. (3 m) high towers

Remote Configuration and Maintenance

- Embedded web server
- Beam visualization: real-time alarm status
- Configuration of number of cells
- Possibility to eject one or more beams
- Configuration of each detection mode and its response time:
 - Mono-detection
 - Independent bottom beam management (crawling)
 - Dual-detection
 - Triple-detection
- Possibility to configure several detection modes simultaneously

Performance Features

- Exceptional detection Reliability
- High density infrared barrier
- Intelligent threat filtering
- Speed & size discrimination
- Multi mode detection: Mono / dual / triple beam filter
- Remote configuration and maintenance diagnostics
- Three detection zones per barrier
- Flexible tower heights
- MAXIBUS Universal compatible: integration with VMS

Zoning Function

- Optimization of the video system and alarm verification
- Up to 3 detection zones per barrier
- Configurable zone lengths

Adaptability

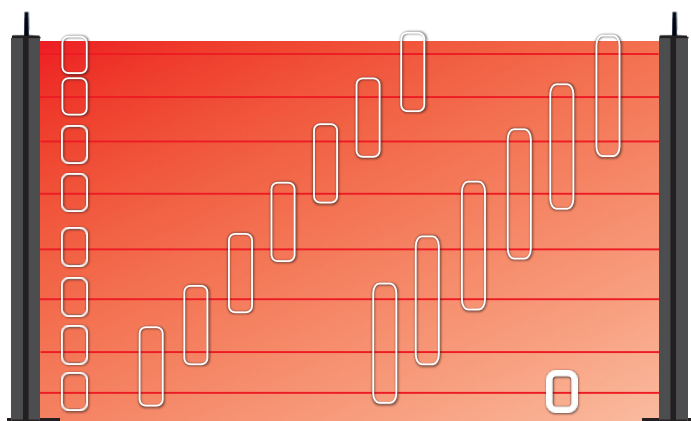
- Can be adapted to all site configurations:
- High density of beams: max 14 beams per 10 ft tower in single direction
- Zoning: from 6 to 10 cells per 8 ft. / 10 ft. (2.5 m / 3m) tower (top beam left uncut)
- Lightning surge protection: Integrated and easily replaceable

Multimode Alarm Transmission

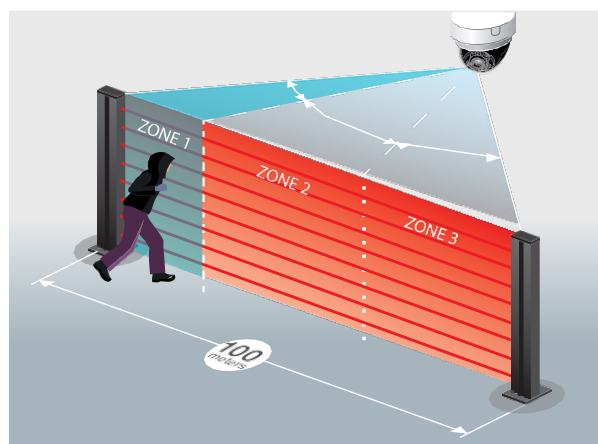
- 12 dry contact outputs - (10 alarm, 1 tamper, and 1 technical defect)
- TCP/IP output from the Control Unit
- Direct integration with VMS via API or SmartBridge
- MAXIBUS Network compatible (Modbus RS485)
- Alarm information transmission - occurs simultaneously in all modes

Maxibus Universal Compatible

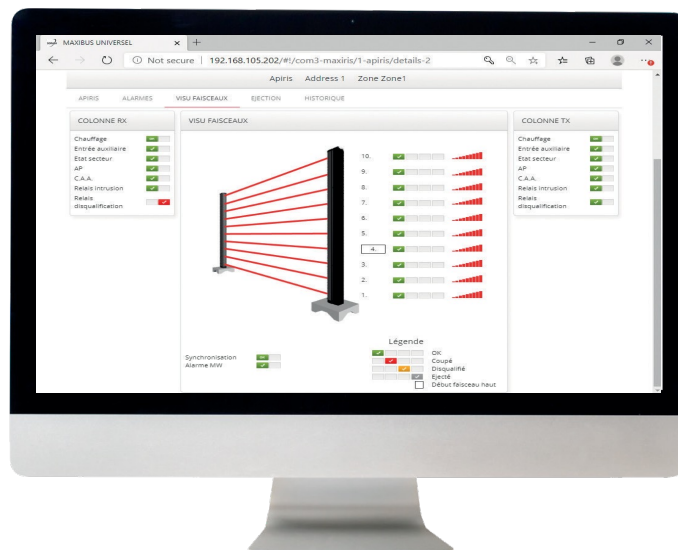
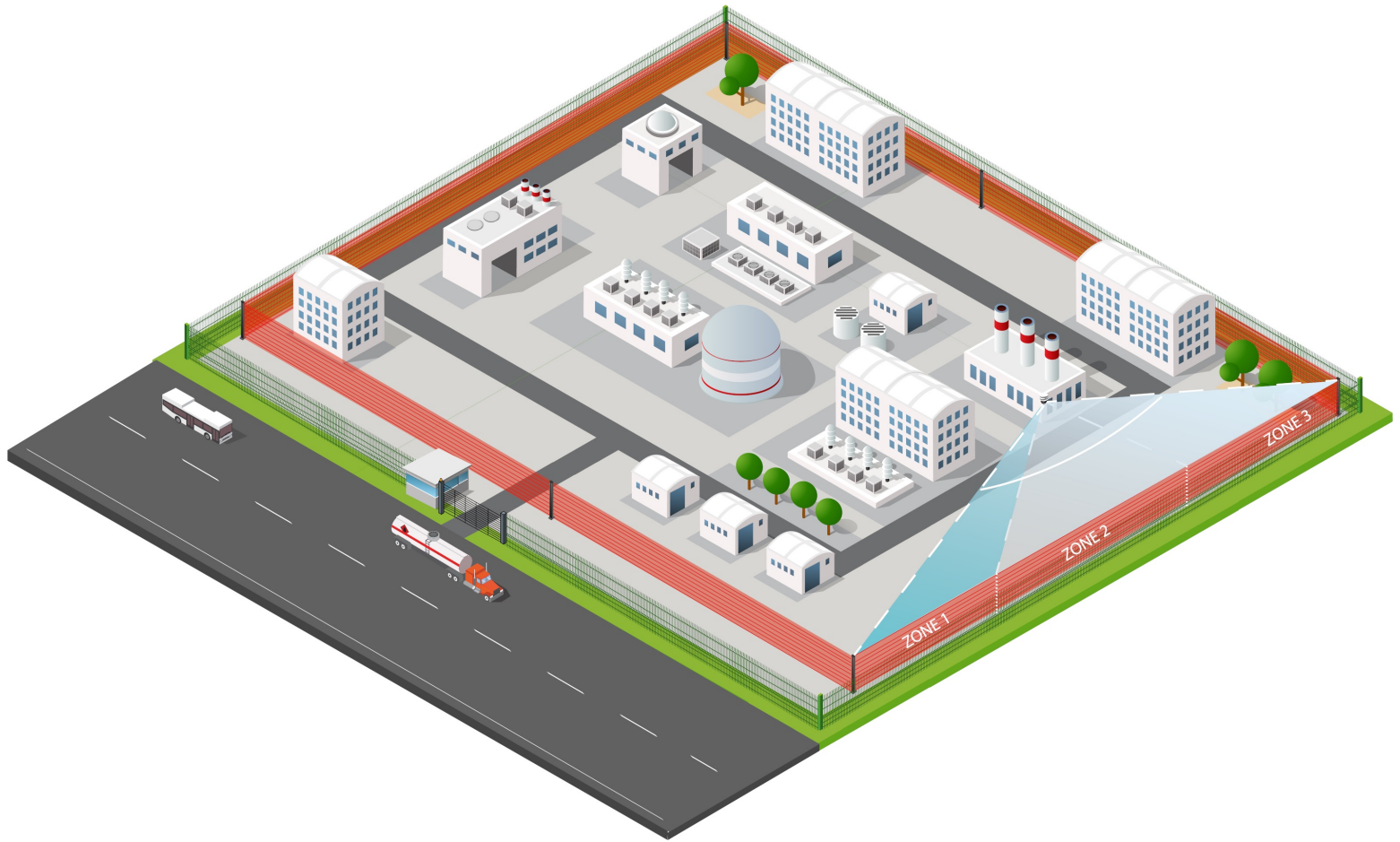
- Optimized alarm management
 - Centralization of all system alarms to a single point
 - Remote access to products: configuration and maintenance
 - Embedded web server
 - Time and date stamped history of alarm events
- Designed for simplified integration on all your sites
 - Integration with VMS
 - Easy integration: API available
 - Secure data transmission: 802.1X, TLS...
 - Various alarm transmission protocols: ModBus, API
 - Dry contact outputs: up to 136 relays



Multi-mode simultaneous detection



Zoning: up to 3 detection zones per barrier



Beam visualization: real-time alarm status

TECHNICAL SPECIFICATIONS

MAXIRIS Columns	
Tower heights	3 ft. (1 m) • 5 ft. (1.5 m) • 6 ft. (2 m) • 8 ft. (2.5 m) • 10 ft. (3 m)
Maximum outdoor IR range in all weather conditions	328 ft. (100 m)
Indoor maximum range	1640 ft. (500 m)
Detection modes	Multiplexing with wired synchronization: mono-detection / bottom beam mono-detection / dual-detection / tri-detection
Power supply	24 VDC to 48 VDC
Alarm information	Intrusion (up to 3 pieces of alarm information with zoning: 1 per zone) / Disqualification / Tamper / Anti-climbing cap / Technical alarm
Alarm transmission	Wired network output / dry contact
Alignment tools	Audio and visual signals on all towers
Operating temperature	-40 °F to +158 °F (-40 °C to +70 °C) Thermostatic heater in each tower
Electromagnetic compatibility	Compliant with European standards (CE label)
MAXIRIS Universal Hub	
Configuration tools	Embedded web server
Alarm outputs	8 to 136 dry contact outputs / Modbus / API
4 communication ports	32 towers per communication port
Power supply	12 Vdc
Operating temperature	+32°F (0°C) to +131°F (+55°C)
Security	Compatible networks 802.1x and TLS