

ACTIVE INFRARED

THE SPECIFICS



BIRIS

ACTIVE INFRARED BARRIER FOR THE PROTECTION OF SPECIFIC LOCATIONS

PERFORMANCE FEATURES

- **High reliability** of infrared
- **Simple and quick deployment**
- **The best solution for specific locations**
(roof-tops, wall/fence tops, sliding gates...)
- **MAXIBUS Universal compatible** via MI8 module:
integration to VMS



HIGHLY RELIABLE INFRARED

- **33 years' experience** in infrared technology
- **Intruder size filtering thanks to several simultaneous detection modes:** mono-detection and dual-detection
- **Intruder speed filtering: alarm timing**
- Combination of the two filters: **reduction in number of unwanted alarms**
- Range **from 50 to 200m**
- **Aesthetically pleasing** design

SPECIFIC APPLICATIONS

- **A whole range of applications:** private villas, equipment parks, etc.
- Recommended modules **for perimeter complements:** building façades, roof edges, city walls, rolling gates, raising barriers, etc.
- Can be used **outdoors and indoors**

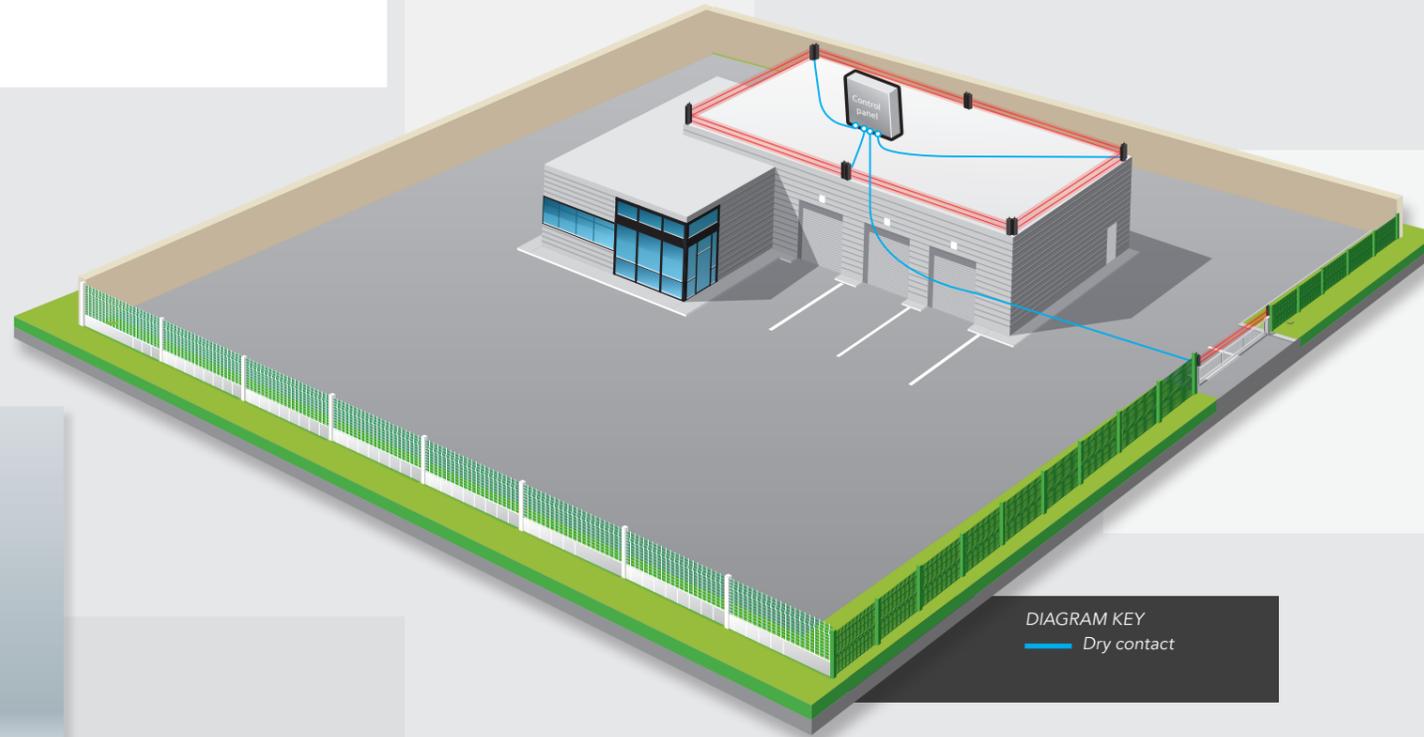
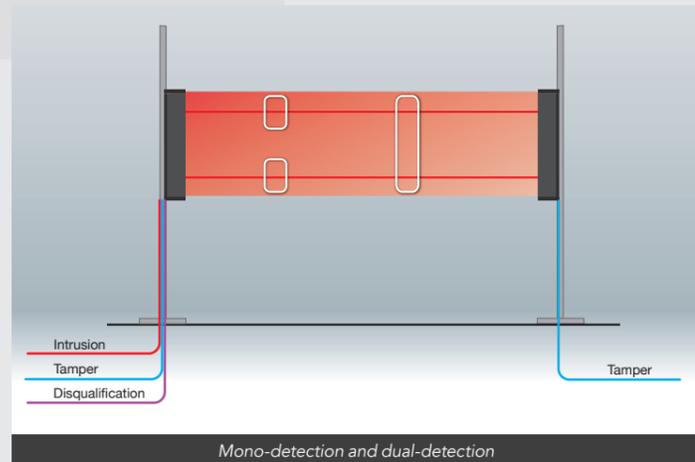


DIAGRAM KEY
— Dry contact



SIMPLE AND QUICK DEPLOYMENT

- **Small footprint** of the modules: 35 cm and 42 cm in height
- **Easy and reliable alignment:** tool with sound (buzzer) and visual (LED) signal
- **Can be deployed in a row:** 4 selectable channels
- **Alarm Transmission** via dry contact outputs

MAXIBUS UNIVERSAL COMPATIBLE

OPTIMISED ALARM MANAGEMENT...

- **Centralisation 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

TECHNICAL CHARACTERISTICS

	BIRIS	
Module heights	35 cm	42 cm
Indoor and outdoor IR range	50 m	100 m or 200 m
Number of cells	2 cells	
Detection mode	Multiplexing with optical synchronization: Dual-detection / Mono-detection / Bottom beam mono-detection	
Power supply	12 Vdc	
Alarm transmission	Dry contact outputs	
Alarm information	Intrusion / Tamper / Disqualification	
Operating temperature	From -40°C to +70°C	
Protection Index	IP65	

	REMOTE MODULE 8 INPUTS
Alarm information	8 dry inputs + Tamper
Alarm transmission	Either via a dynamic meshed radio network to radio coordinator or via an RS 485 wired network
Radio frequency	19 radio channels spread over 3 bands: 865 MHz - 868 MHz 15 channels 868 MHz - 868.6 MHz 3 channels 869.7 MHz - 870 MHz 1 channel LoRa Modulation
Data encryption	AES 128 bits
Power supply	Range 4 Vdc - 26 Vdc (consumption 10 mw under 4 Vdc)
Operating temperature	From -40°C to +70°C
Electromagnetic compatibility	Compliant with European standards (CE label)
Wireless local configuration via smartphone applications	Applications available for all smartphones:  