

MIRIS

Long-Range Active Infrared Barrier



Highly Reliable Infrared

- Single and double face towers integrated
- Anti-climbing cap and sliding cable protection
- 35 years' experience in infrared technology

D.I.S Technology

- D.I.S. : every tower is both Transmitter and Receiver
- One tower type for the whole site
- Simplified cabling: alarm contacts available on every tower
- One channel per barrier (4 selectable channels)

High Performance

- Immaterial wall of detection
- Mixed cells : Transmitter / Receiver
- Mono / Dual beam detection
- Bottom beam management: detects crawling
- Alignment feedback: One person can quickly align the beams

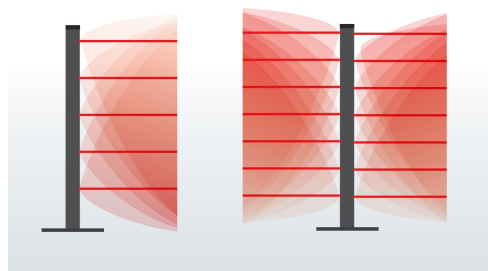
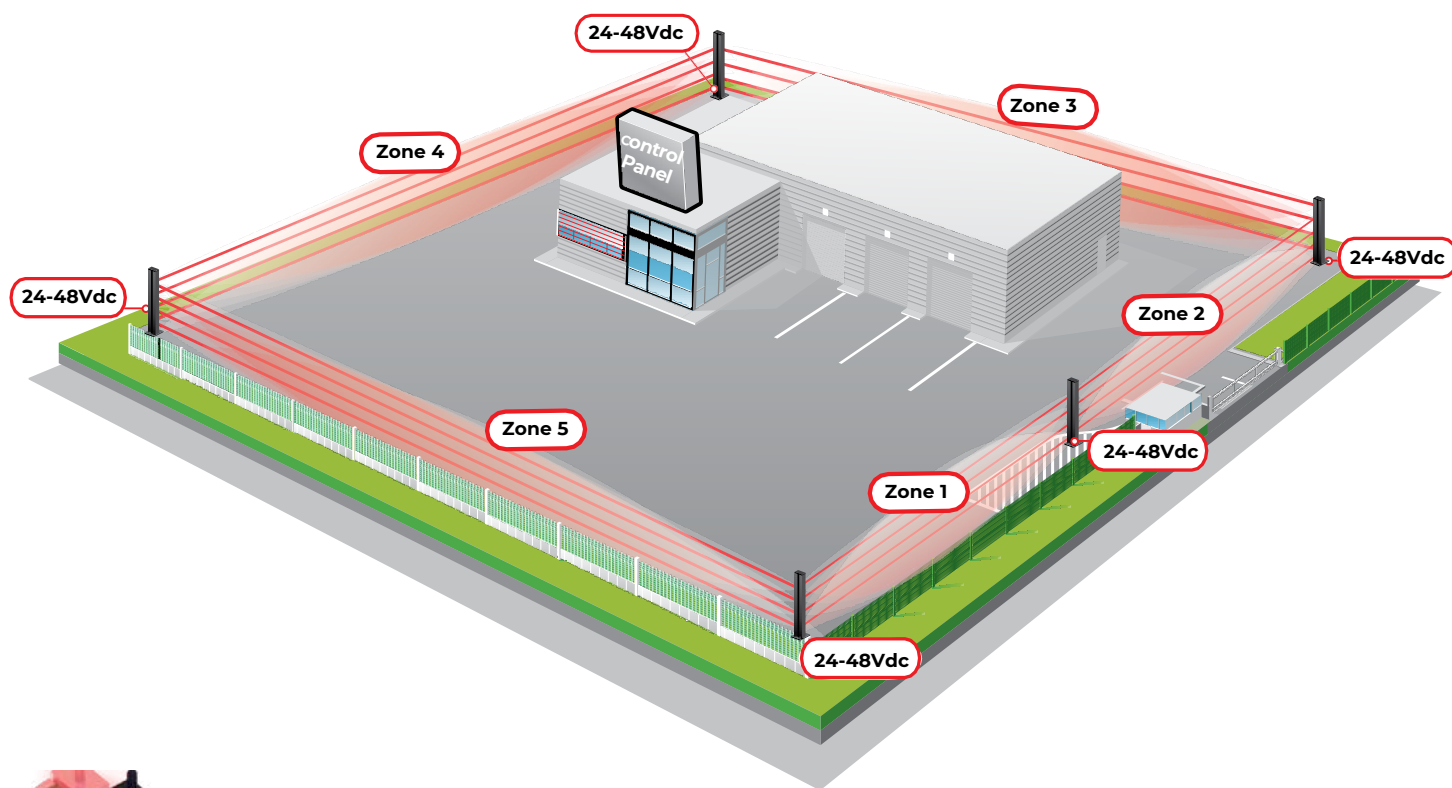
Signal Strengths

- Modular: adapts to different levels of terrain
- Flexible and Modular beam heights from 6 ft. (2 m) to 10 ft. (3 m)
- Integrates into existing environment: wall mounting option available
- Ability to add Connect Module

Performance Features

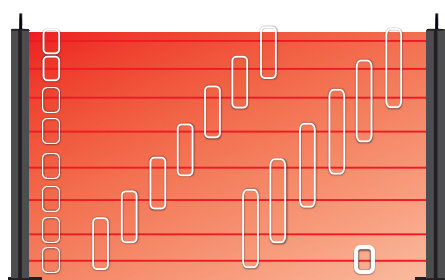
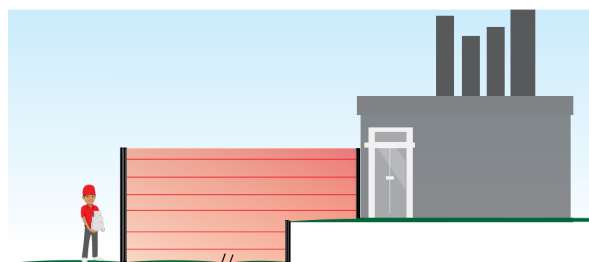
- 656 FT. (200m) between towers
- Identical towers
- Integrated alignment feedback on every tower
- QUAD beam cells
- High detection performance





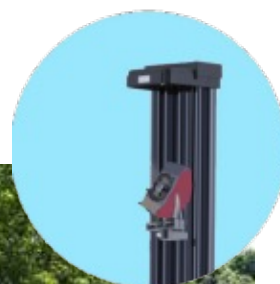
Single Face (SF)

Double Face (DF)



Multi-mode simultaneous detection

Ability to tilt/align cells



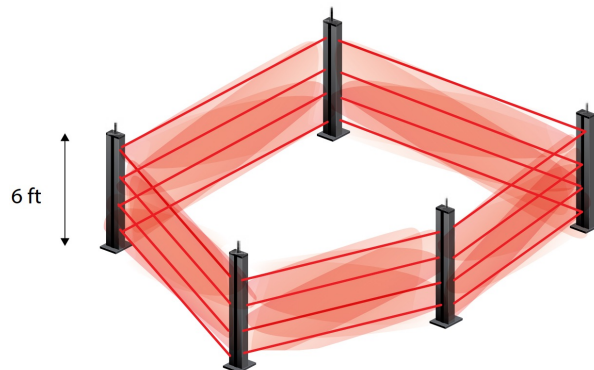
4 selectable channels

TECHNICAL SPECIFICATIONS

Distance between towers	656 ft (200 m)
Height of the tower	6 ft (2 m) • 10 Ft. (3 m)
Alarm outputs per tower	Intrusion – Disqualification – Tamper – Anticlimbing cap
Power input	24 Vdc to 48 Vdc
Alignment tools	audio and visual signals inside each tower
Operating temperatures	From -40 F° (-35°C) to 158°F (70°C)
Number of cells per direction	4, 6 or 8 cells
Cells management mode	Multiplexed and synchronized by optical link (4 channels)
Heater	Thermostat heater anti-condensation and anti-dew
Lens Cover	Made from polymethyl methacrylate, highest resistance to UV - Minimum 8–10-year lifespan

CONFIGURATION EXAMPLE

Example with 5 towers, 2m (6.6 ft), 4 cells, range 200 m (656 ft)



Required parts for MIRIS 3100

Towers	5 x Tower 6 ft (2m) 4 beams DF Ref : 30742204C
Brackets	5 x Floor sockets - Ref : 30580001-P
Options	
Wall fixing SF	Ref: 30580002
Wall fixing DF	Ref: 30580021