

ACTIVE INFRARED BARRIER



MIRIS

LONG RANGE
ACTIVE INFRARED BARRIER



PERFORMANCE FEATURES

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

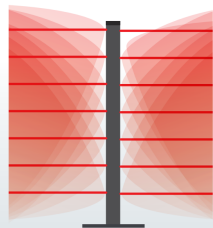


HIGHLY RELIABLE INFRARED

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



Single Face (SF)



Double Face (DF)

HIGH PERFORMANCE

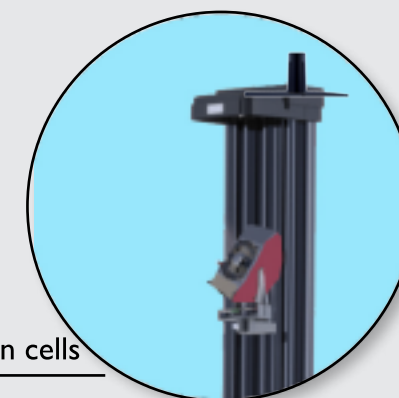
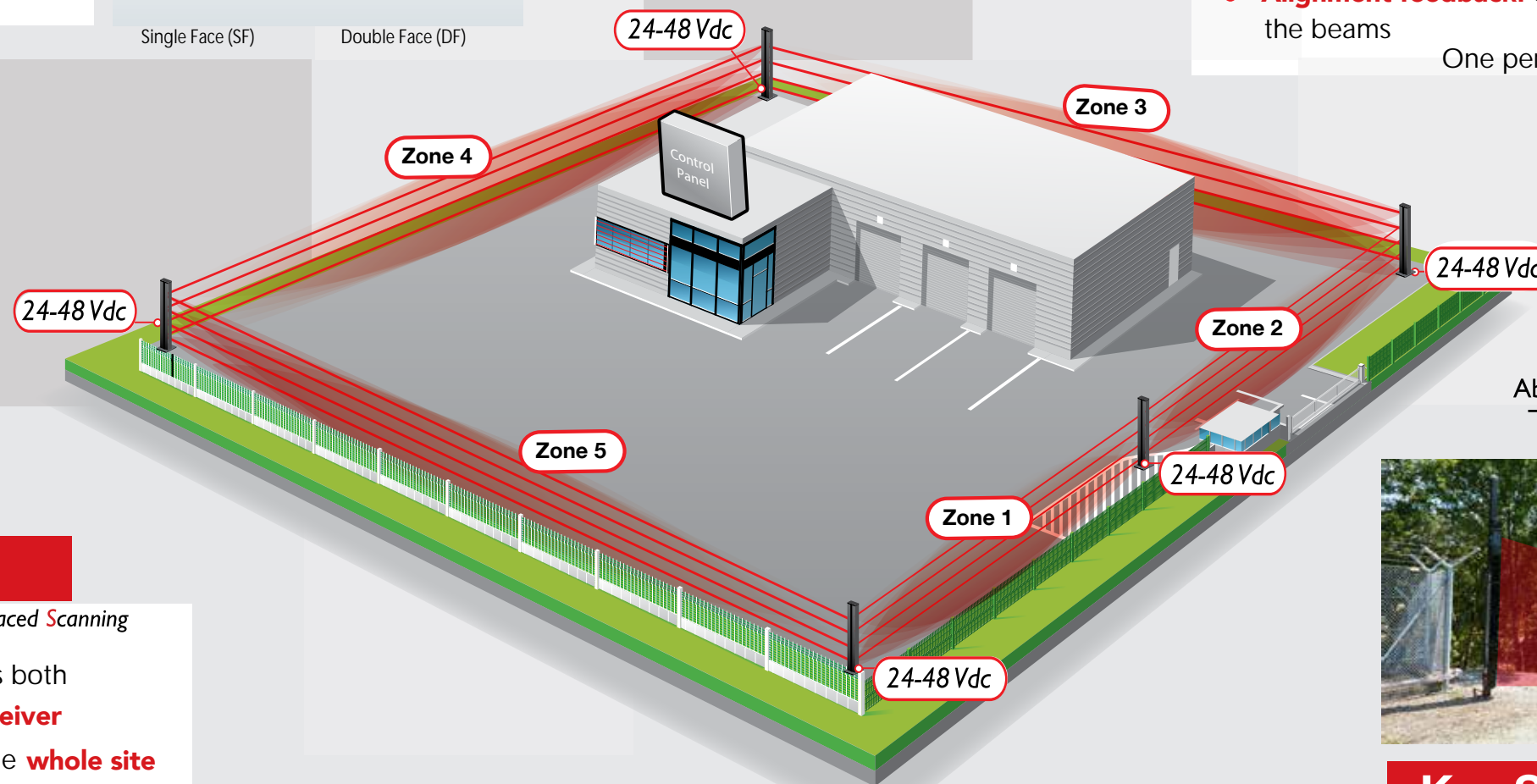
- Immaterial wall of **detection**
- Mixed cells : **Transmitter / Receiver**
- **Mono / Dual** beam detection
- **Bottom beam** management : detect crawling
- **Alignment feedback**: One person can quickly align the beams

One person can quickly align

D.I.S Technology

Dual Interlaced Scanning

- **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)

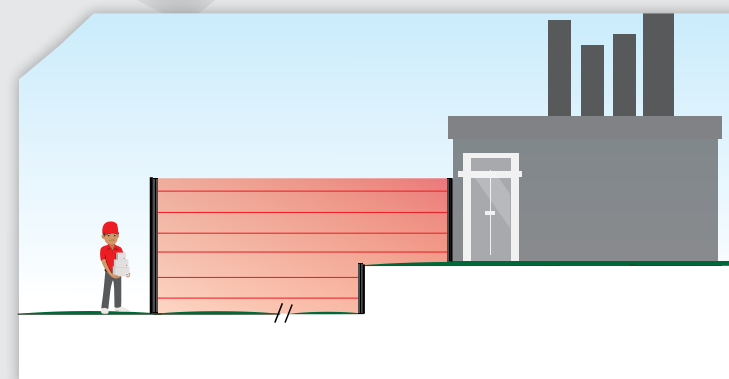


Ability to tilt/align cells



Key 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**



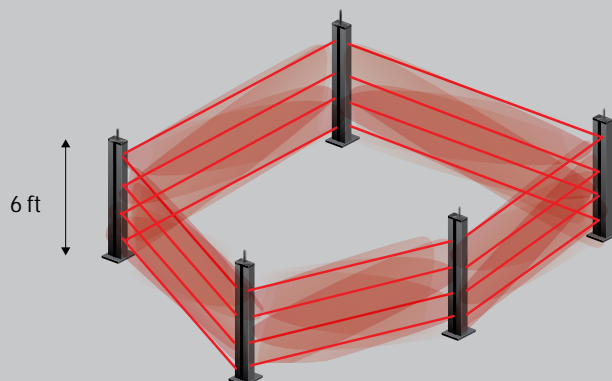


TECHNICAL CHARACTERISTICS

Distance between towers	656 ft (200 m)	
Height of the tower	6 ft.	10 ft.
	2 m	3 m
Alarm outputs per tower	Intrusion - Disqualification - Tamper Anti-climbing 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 columns, 2m (6.6 ft), 4 cells, range 100 m (328 ft)



Required parts	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	