

PORTALIS

Wireless Active
Infrared Barrier
for Gates



High-Performance Perimeter Detection

- PORTALIS connects to G-FENCE to complete the perimeter detection at gates – 30m (98 ft) max. – between both towers
- It cannot stand alone. It must be used as an accessory of the G-FENCE system
- Creates a virtual detection wall that is invisible and impenetrable
- 10 Infrared cells for 2.5 m (8.2 ft) or 3 m (10 ft) high depending on the protected gate (Single Face towers)
- Beams are multiplexed via an optical synchronization
- Mono or dual-beam detection for configuration
- Adjustable cell height
- 4 types of alarm information: intrusion, anti-climbing caps, auto-protection, disqualification (technical alarm)

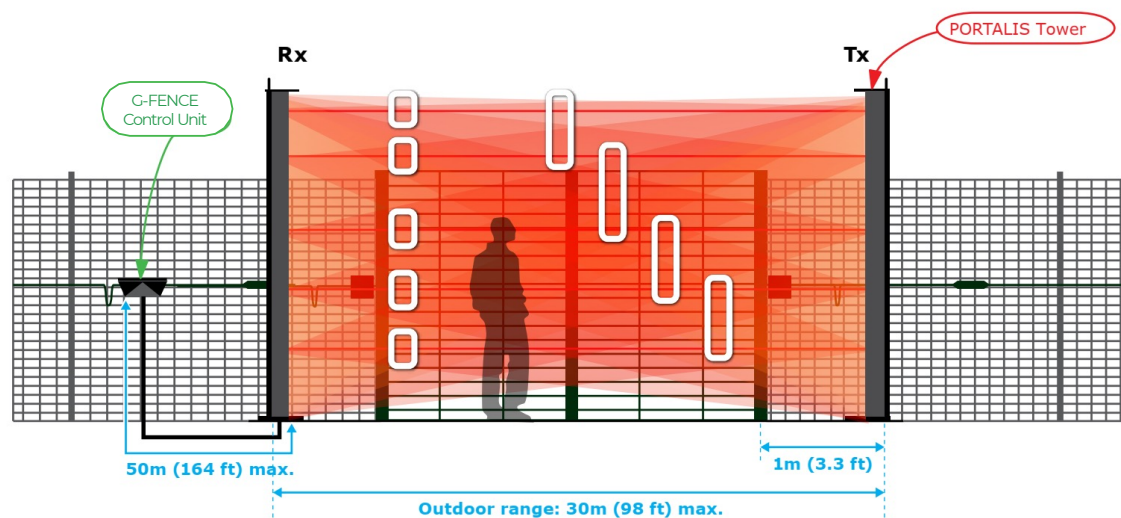
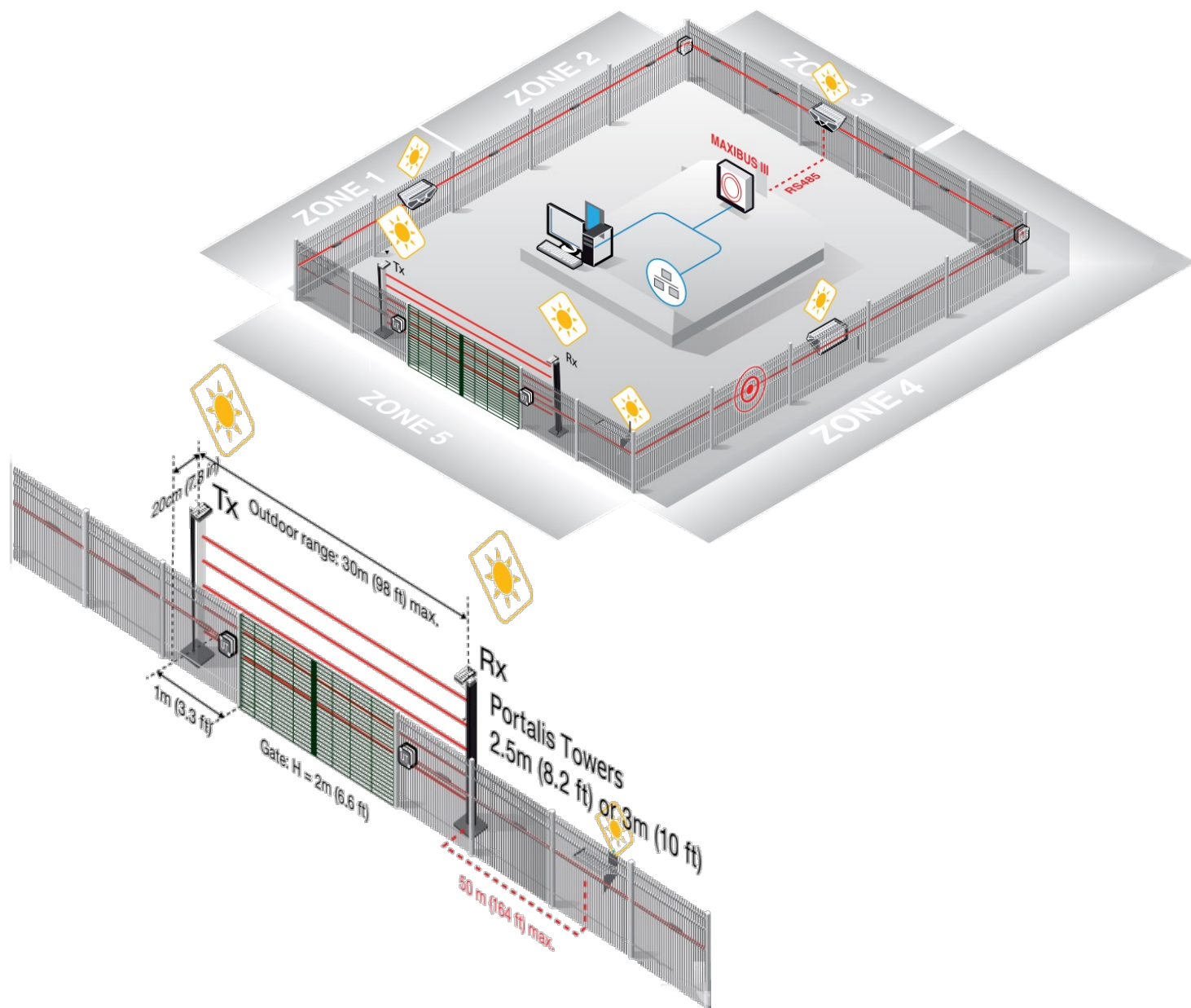
Features

Solar Energy

- No power supply cables: solar panels
- Installation without cable trench: wireless solution
- Anti-climbing cap integrated
- Lightning surge protector integrated
- Installation time reduced and civil works cost savings

Application with G-FENCE

- Complete wireless perimeter protection
- Alarm information collected via polarised contacts
- connected to a nearby – 50m (164 ft) max. – G-FENCE
- Control Board auxiliary inputs
- Not for standalone use



SPECIFICATIONS

Maximum outdoor range	30 m (98 ft)
tower height and type	2.5 m (8.2 ft) Simple face • 3 m (10 ft) Simple face
tower references	Ref. 30624010 • Ref. 30624110
Infrared beams	10 (5 dual-beam cells)
Anti-climbing cap and lightning protector	Integrated
2 alarm outputs (on Rx tower)	RL1 : Intrusion / Anti-climbing caps (Rx and Tx) RL2 : Disqualification / Auto-protection (Rx)
Power supply	Solar panel and battery in each tower
Operating temperature	From -40°C (-40°F) to +70°C (+158°F)
Electromagnetic compatibility	Compliance with European standards (label CE)