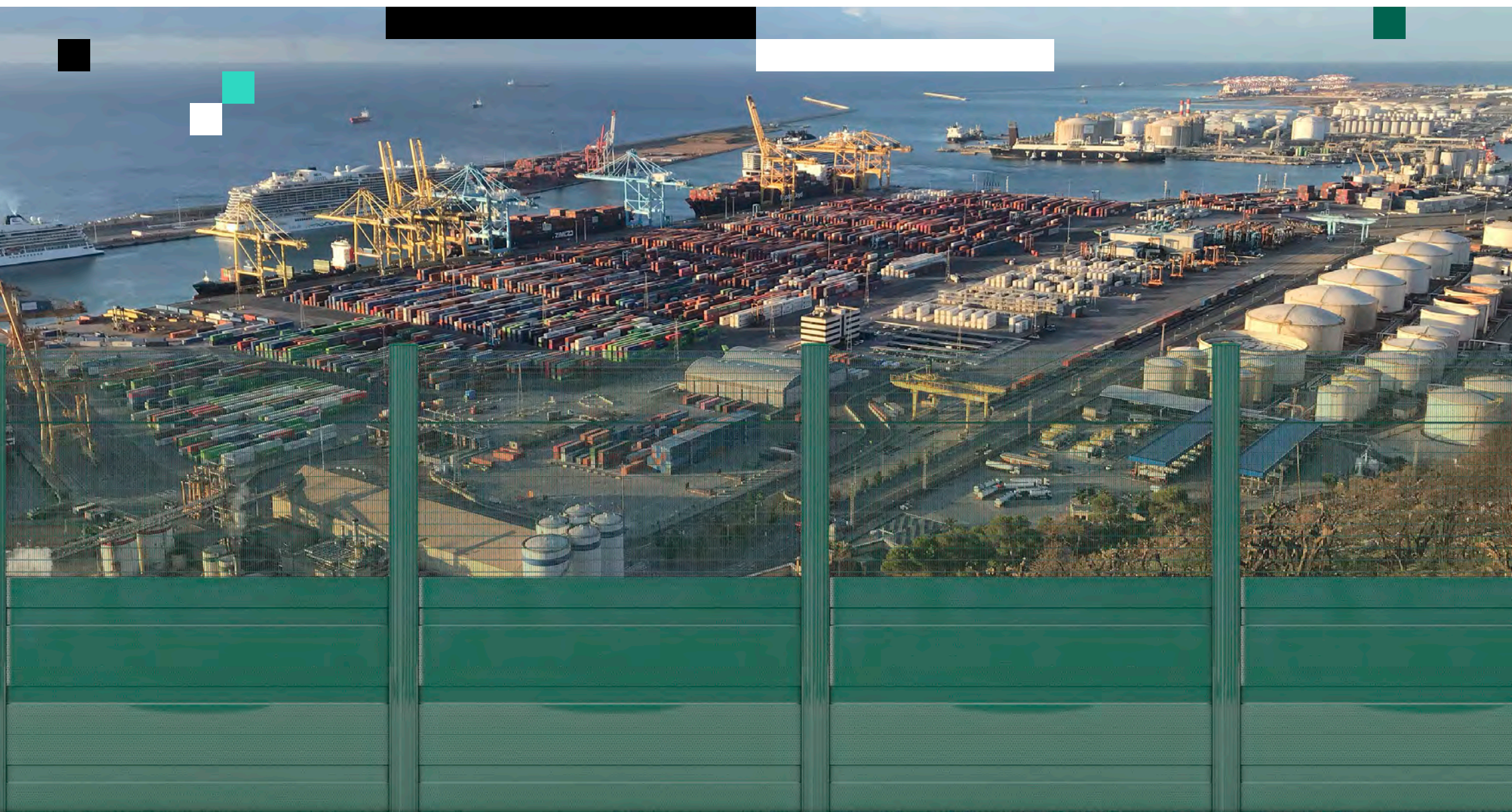




DTAC eco

Regenerative smart fence



DTAC eco

provides your perimeter with
green smart protection:

- Its **anti-climb, anti-cut and anti-lift panels** effectively delays any attempt of intrusion or sabotage.
- Its integrated **state-of-the art sensor** discerns the associated microflexions, generates an alarm and locates the event with unparalleled ± 3 meters resolution.
- Its exclusive **NANO technology** brings 2.000 hours in salt chamber (ISO 9227), for extreme sea and industrial conditions.

In addition, its **eco design** allows **dust and noise reduction from road traffic.**

NANO coating is a special technology that increases the adhesion performance of the coating to the metal surface and creates pores in NANO sizes. Thanks to these pores, the powder coating adheres with high performance on metal surface.

*Electrostatic polyester coating
or thermoplastic coating*

NEW NANO coating

*Environmentally friendly
chemical pre-treatment*

Steel profil

Patent
NANO coating

Noise
barrier (-32dB)

Panel joint

Integrated sensor

Structure



High security mesh

Galvanized steel, 4mm bars

76.2x12.7mm cells

Load resistance in bars 650 N/mm²

Load resistance in weldings 500 N/mm²

Soft end Z bending for extra rigidity



Panel acústico

Perforated galvanized panels

Height: 1500mm

Minimum thickness: 80mm

Internal rock wool insulation

Maximum density: 70kg/m³

Fireproof certification: A1

Acoustic insulation: 32dB



Pole

Galvanized steel, patent security anti-vandal profile and green plastic caps for screws



Coating

Patent NANO coating (more than 2.000 h in salt chamber)



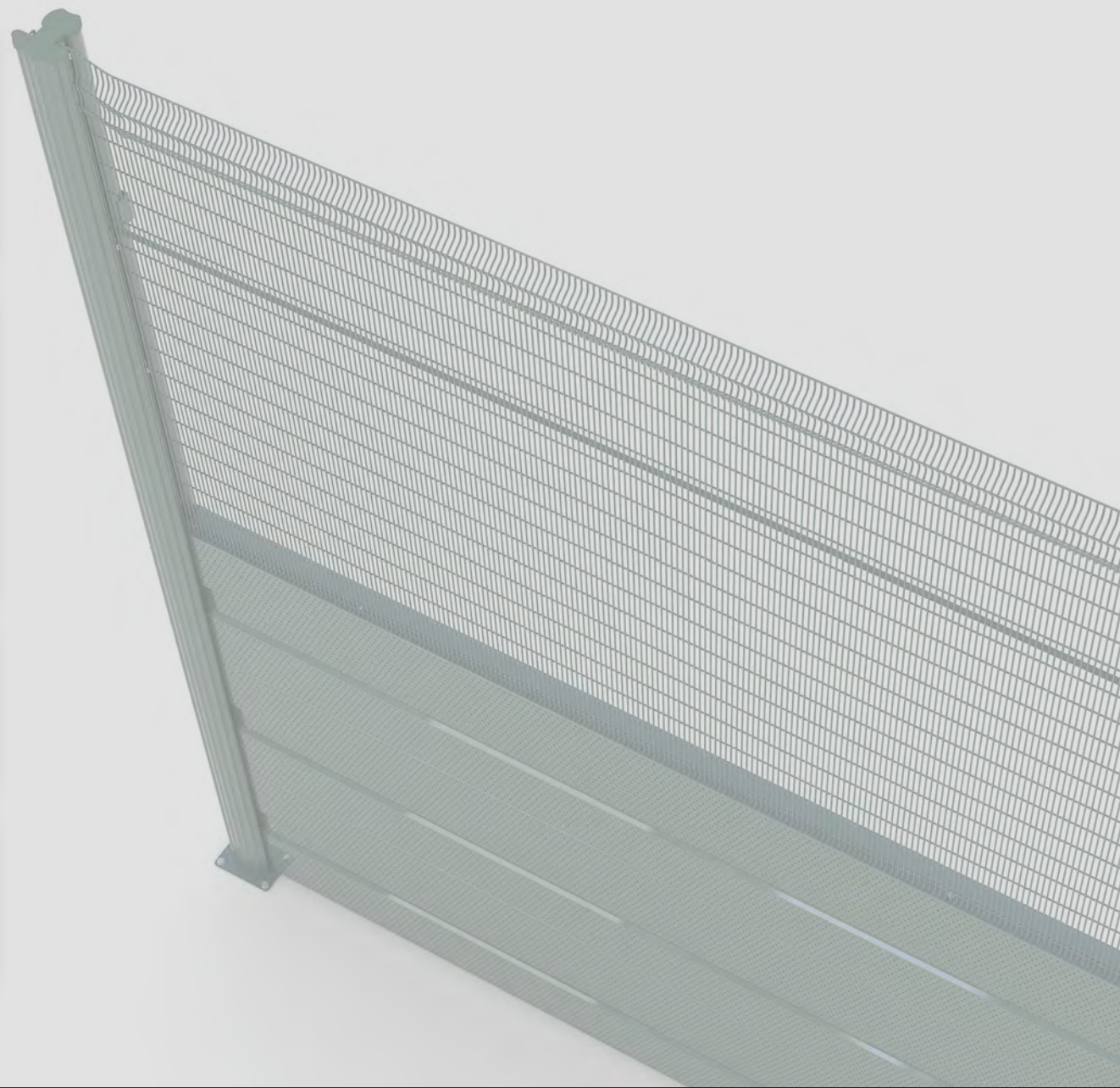
Color

RAL 6005 by default (any RAL chart color available)



Set dimensions

2960mm x 2550mm



Intelligence



Processor

Up to 600 m of fence monitoring per processor

Probability of detection higher than 95%

Confidence factor higher than 95%

Robust aluminum enclosure CSA painted for any environmental condition type UL 4X/IP65 with screwed lid



Electric specifications

Power supply: 12-48 VCC

Consumption: 2.0W (base processor), 2.5W with comms card

Protection against lightning: Transitory tension in all inputs and outputs, including power supply



Supervision and autodiagnostic

Continuous supervision of the sensor to detect potential damages, shortcuts and grounding problems

Anti-sabotage tamper switch

Continuous supervision of the main parameters of the processor



Environmental conditions

Temperature: -40°C-70°C;
Relative humidity: Up to 95%



Zoning

Up to 60 virtual zones per processor (programmable length)



Detection

Locates intrusions with an accuracy of $\pm 3m$

Locates multiple simultaneous intrusions with a resolution of 15m

Cut and climb detection in any part of the structure (panels and poles)

Lift detection in poles and acoustic panels



IP66



Sensitivity

Pin Pointer capability, able to manage up to 1 meter zones



Inputs and outputs

Inputs: 1 tamper and 2 dry contacts

Outputs: 4 relays type C, 0.5A 30VCC



Communication cards

Ethernet 10/100

BASE-TX

Multimode FO

Monomode FO

EIA-422