



DTAC **clear**

Panoramic smart fence



DTAC clear

provides your perimeter with
panoramic smart protection:

- Its **anti-climb, anti-cut and antilift 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 **sophisticated design** allows **friendly panoramic views** for public areas, yacht marinas and cruise terminal applications.

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.

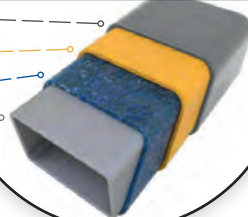
Electrostatic polyester coating or thermoplastic coating

NEW NANO coating

Environmentally friendly chemical pre-treatment

Steel profil

Patent
NANO coating



Integrated
sensor

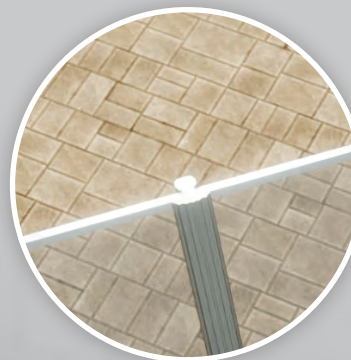
Security
post

Anti-intrusion
PC sheet

Analyzer



Structure



High security panel

Height: 2.000 mm

Width: 2.460 mm

Thickness: 8mm

Transparent polycarbonate and aluminium

Upper area: 1.500 mm transparent polycarbonate sheet

Base: 500 mm perforated aluminium sheet

Top: 1,50 mm aluminium frame with integrated sensor



Coating

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



RAL 9006

Color



Pole

Height: 2.000 mm

Section: 120 x 123 x 1,50 mm

Base plate: 200 x 180 x 10 mm

Coating: Galvanized + NANO + Epoxy + Electrostatic Polyester

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 panels



IP66

Environmental protection



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