

SMART ROBUST AND RELIABLE

- Easy installation and maintenance
- Secure fare media processing for many supported cards
- High track record worldwide



TRANSCITY™

PG 410 - 420 GATE PRODUCT LINE



PG 410 - 420

Gates product line

PG4xx gates are part of the latest equipment series designed and manufactured by Thales. Developed for fare collection management in stationary environment (Platforms, Metro stations), the PG4xx gates validates the tickets, opens the barriers and thus secures the transportation network.

PG4xx gates offer an attractive user experience with transparent barriers powered by innovative engines. With its large active spot, the validation gesture is simple and intuitive. A wide screen provides information to the passenger.

This is a proven product: more than 15,000 gates of previous generations are currently in operation all over the world. The gates are water proof, dust proof and shock resistant and include Thales reader with secure fare media processing.

Due to a modular design, the gate is ready for future evolution without impacting the core product.

USER EXPERIENCE

- Display: 6,4" TFT color screen
- Sound: .wav files player
- Validation spot: 5" circle
- Transaction speed: less than 250 ms for Contactless cards
- Throughput: 60 passengers per minute with contactless cards

DIMENSIONS

- Height: 109 mm
- Standard aisle width: 600 mm,
- Disabled person aisle width: 900 mm
- Cabinet width: 300 mm
- SAM locations: 4

APPLICABLE STANDARDS

- Safety: EN 60950-1, EN 12650
- RF: ISO 14443 A and B, Sony Type
- Railway: EN 10121-4
- EMC: 61000-6-4, 61000-6-2
- Low Voltage: 2006/42/CE, 2006/95/CE

SECURITY AND GREEN AWARENESS

A secured and reliable passage feature thanks to the embedded Thales designed motor.

The motor is electronically piloted giving a large flexibility in terms of passage management.

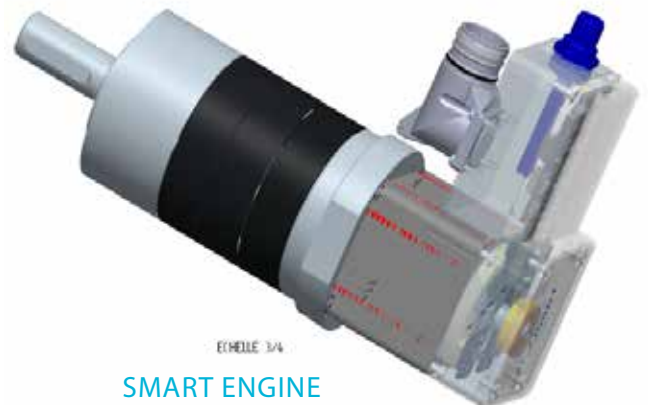
Hence, door kicking is managed directly through motor control.

Passage management algorithm tackle complex passage cases such as persons travelling with trolleys or tail gating fraud cases.

Very low power consumption: less than 100 VA during door opening, less than 250 VA during attempts to force the door open.

CONFIGURATION

- PG400 product line
- Option set
 - 5 contactless cards reading
 - 6 contactless cards and disposable media
 - 7 contactless cards and bar code
 - 8 contactless cards, disposable media and bar code
 - Form factor
 - 1 swing door low profile
 - 2 swing door high profile



SMART ENGINE