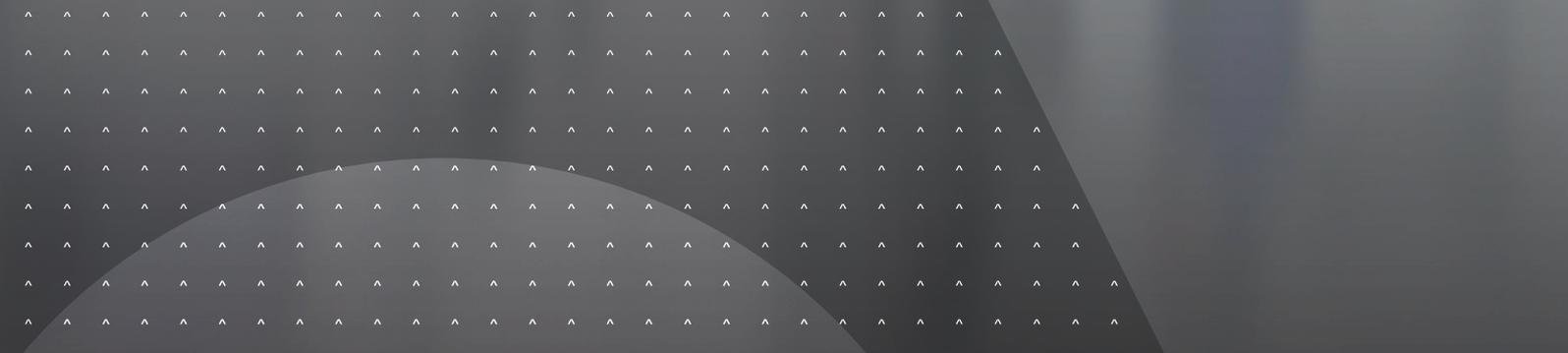THALES
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Thales Cogent
FlyToGate Face Pod

The optimal airport checkpoint device:
contactless, fast, easy, and secure

1 Overview

The FlytoGate Face Pod is a specifically designed device for face capture and identification at any airport checkpoints such as self service check-in, bag drop, security check, lounge and boarding. Based on face recognition algorithms, it quickly and easily captures and processes the live image of an individual on the move, verifying it against a database of enrolled persons. The result is immediately communicated to the airport back end system, and either grants access, or raises an alert if the individual is not authorized.

The FlyToGate Face Pod offers an intuitive and fully contactless experience for the individual, by allowing their image to be captured on the move, and by providing guidance for good quality image capture thanks to a user-friendly interface.

Key benefits

- **More secure:** users cannot swap their credential or loose it
- **Touchless:** Safer for users
- **Easier to use:** no need to present a boarding pass, or perform any special action
- **Faster** than traditional methods, allowing higher throughput
- **Fully automated:** can be used for non-attended entry point, thanks to its built-it anti-spoofing

High accuracy and speed

- Face match in online mode (remote server) or offline mode (local device)
- 1:1 match of live images against ID document image and
- 1:N match of live image against database of authorized passengers
- Mask compatible. No need to remove masks at access points. Detects and identifies even mask wearers
- **Less than 1 second** to recognize a person on the move

Compact and convenient

- With a size of 28.5 x 17 x 2.6 cm, it is one of the most compact unit on the market, yet offers a convenient 10″ screen
- Multiple interface connections for easy access to network or 3rd party system

- PoE (Power over Ethernet) for simpler deployment
- VESA (100mm*100mm) compliant mount for easy mounting on a wall, door or pole
- Adapt to various lighting conditions without user cooperation
- Can work in dark environments thanks to supplementary LED lighting
- Supports multiple whitelist eg for passengers, employees, VIP
- Software plug-in mechanism for easy integration

Remote device management

- Easy remote configuration of multiple Face Pod. Built-in application upgrade
- Face Pod can be remotely restarted and disconnected

Privacy data protection and spoofing proof

- Compliant with GDPR
- All biometric data is protected in storage and transmission
- Liveness detection offers ideal protection

2 Technical Specs

Size	28.5 x 17 x 2.6 (H*W*D, cm)
Weight	1.8 kg
Screen	10 inches touch screen with 800*1280 resolution
Illumination	2 horizontal LED achieving 1000 lux at 80 cms
Camera	3D camera
Interface	USB *1, RS485*1/RS422 or RS232 *1, Wigand*1, RJ45 (PoE+) *1, GPI/O *3
Face match	1:1 and 1:N match on server or match locally with database of up to 50,000 persons Less than 1 second for face detection and matching
Face capture distance	From 0.5 to 2m
Face capture height range	From 1.2m to 2.2m with Face Pod mounting at 1.4m
Speakers	4Ω 1W
Language	English, Chinese, French
Certification	CE, FCC, RoHS, WEEE, UL, CB
Accessories and mountings	VESA 100, Desktop stand, Floor stand, Short pole (for egates), Wall mount, Sun cap

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