

The Dream Gate

The PG600, our brand-new Dream Gate breaks the monotony of most current platform gate designs. Based on over 30 years of research and development, in pursuit of improved platform gate functionality, the Dream Gate offers station providers increased rates of passenger flow.

This objective is achieved by a slim-line modular design, that minimises physical barriers to the platform, together with advanced 3D imaging that detects non-payment or tailgating. With contactless ticketing technologies, this provides fare paying passengers with a smooth, rapid, and unobtrusive ticket validation, enabling them to continue easily to their chosen destination.

More than just a sleek design, however, the advanced next-generation functionality of the PG600 Dream Gate offers operators:

- ▶ Easier maintenance by remote wireless access
- ▶ Better control for passenger safety and security
- ▶ Improved operational effectiveness and competitiveness



TICKETING SYSTEMS

PG600





TICKETING SYSTEMS

PG600

The next generation of passenger gates

The PG600 Dream Gate represents the leading edge in passenger gates with a compact, slim-line, and unobtrusive design. Featuring cutting-edge technologies including a new software controlled engine, low power consumption, LED lighting, and a 3D camera, the Dream Gate offers improved levels of operational effectiveness.

Designed for increased passenger flow

The Dream Gate has a slim transparent construction, with standard glass pieces and poles on both sides, and transparent gate doors that are able to be branded. This modular space-saving design means that a larger number of gates can be installed within any given station area.

Cutting edge technology for efficient and precise passenger flow control is provided by the inclusion of pole-mounted or roof-mounted sensors with a 3D imaging capability, and audio and visual alerts to abnormal passenger behaviour. This combats against ticket fraud, including tail gating or non payment, whilst enabling those passengers that need help or support to freely pass through the gate unimpeded.

An advanced colour-coded visual display enables travelers to quickly distinguish between open or closed gates, and to quickly move forward to their platform. Dynamic pictograms on the gate doors clearly indicate the direction of passenger flow. Each gate post features a discrete tilted LCD display and contactless target. Individual display screens provide information to travelling passengers, and in addition act as an interface to maintainers or platform supervisors.

Compatible with future ticket validation

The Dream Gate is compatible with all current and proposed ticket systems. This ensures operators are provided with an open ended upgrade path to take advantage of new developments in passenger ticketing.

Compatible systems include:

- ▶ 2D barcodes
- ▶ Contactless tickets and cards
- ▶ Contactless bank cards by EMV
- ▶ NFC mobile telephones

Safety and operations

The Dream Gate can be accessed for maintenance via a remote wireless enabled service link. This enables operators to gain remote control of the gate for maintenance purposes via a handheld tablet PC.

Maintenance tasks that can be conducted in this way include remote control and checking of the components, and remote access to e-documentation for support that includes drawings, photos, audio and video.

Software control means that the gate can be controlled for automatic and remote opening, with a differentiated control of the strength of the doors (entrance vs exit). Remote tuning is possible throughout the gate lifecycle.

Technical specifications

Body width: 170mm

Body length: 1300mm

Body height: 900mm

Standard passage: 600mm

Large passage: 900mm

Throughput: up to one passenger per second

User interfaces: 2x6.4" TFT

Protection index: IP55/IK10

Connectivity: Ethernet; Wireless (Bluetooth or Wi-fi); Optical Fibre (Option)

References

Thales passenger gates are in operation at stations worldwide including:

- ▶ Holland: 400 stations
- ▶ Taipei: 104 stations
- ▶ Oslo: 104 stations