ticket-ease Boarding System

Self-Boarding Check-in

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TEBS-HG/FG – Optical Barrier Swing Glass

The Optical Barrier Swing Glass turnstile enables passengers to scan their own boarding pass leaving the ticket agent free to assist other passengers.

Operation: The passenger presents their boarding ticket (paper, airport issued or smart phone) and/or passport, to the access control reader mounted inside the casework. If boarding is authorized, the top mounted LED will light as a green arrow pointing in the direction authorized and a chime will sound indicating the passenger may board. Unauthorized passengers and/or tailgaters are singled out by local visual /audible alarms.

Optical Detection: Industrial duty infrared photo-electric beams (36) linked to Primary Input/output Board – 32-bit microprocessor with optional on board wireless LAN connectivity.

Tailgate Detection: The system recognizes patterns of movement through the lane to differentiate between a person pushing or pulling luggage and a person attempting to piggy back on a valid entry.

Sound Card: The sound card emits 4 different tones via an 8 ohm speaker to indicate lane status – valid transaction, invalid boarding pass, unauthorized access attempt, or tailgate attempt.

Crawl Under Detection: Beams detect barrier arm crawl-under attempts, as low as ten inches from the floor, and will trigger a visible and audible alarm and appropriate trigger signal to the access control system.

Crawl Over Detection: Utilizes load cell technology to detect an intruder attempting to walk or crawl along the length of the pedestal top to gain entry into the boarding area.

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Reader:

The ticket-ease is used to inspect and image travel documents, including electronic travel documents and 1D and 2D barcodes used by the airline industry on boarding passes.

Reading Capability:

The full page reader reads the following:

- ICAO (International Civil Aviation Organization) compliant documents per ICAO 9303 specification for travel documents.
- 1D barcodes (2 or 5 interleaved, of 5 industrial, Code 128, and Code 39)
- 2D barcodes used on BCBP and other documents (PDF 417, QRCode, DataMatrix and Aztec formats from paper documents and some mobile devices.

Power: 240w 24VDC 10A power supply is provided for each set of up to 4 lanes. A dedicated 120V 15A circuit should be provided at each location.

Status Light: LED arrays are fitted into the pedestal top to visually assist the passenger when passing through the lane.

Green Initiative: 75% of the steel used in manufacturing is made from recycled material. Low wattage consumption of .8 amps used at full operation.

Safety Features: The ticket-ease Boarding Systrem is equipped with "fail safe" operation mode which powers the barriers to the open position in case of emergency. In the event of power outage, the barriers push open with very little force.

Buy American Act: The ticket-ease Boarding System meets BAA requirements

Warranty: Three (3) year return-to-factory warrant on all electrical

Software: Open software platform - SDK

Available Widths: 32" and 36"

Available Glass Heights: 48" (HG) and 60" (FG)

Options: Mounting Platform

Product Comparison

We Offer:

- All stainless steel construction
- 4 different audible tones
- Combo Reader – passport included
- ICAO Compliant reader
- UL/UL-CE/UL-CSA Listing
- Crawl Over/Under detection
- BAA Compliant
- Green initiative

Competition:

- Stainless steel with glass side panels
- 2 audible sounds
- Paper, airport issued and smartphone only
- No UL/UL-CSE/UL-CSA listing

Contact

➔ record automatic door systems

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