

IER 610

Multi-format ATB and 2D barcode READER

Motorized ATB and 1D/2D barcode flatbed reader with unique lighting system for fast, reliable barcode reading

New, simplified ATB motorized reader

Multi-format barcode reading:

- standard size boarding passes
- home check-in
- cell phones

Reads IATA compliant PDF417, Aztec, Datamatrix, QR Code

Rotating Red / Green indicator with text display and buzzer

IP/USB/RS 232 connectivity standard

Optional pedestal with receipt printer

LINUX OS provides AEA support, web configuration and remote monitoring

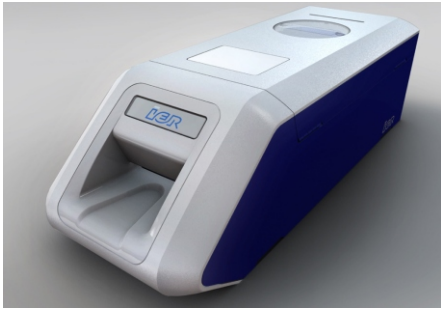
The new IER 610 is a multi-format ATB and 2D barcode gate reader. It uses a motorized ATB reader as well as a fixed focus, omni-directional flatbed barcode scanner for simple to use, high speed barcode reading (less than 1 second). The magnetic reader uses a new simplified mechanical design with no cutting or sorting functions and a very straight paper path to ensure a highly reliable magnetic reader.

The IER 610 barcode scanner uses a unique lighting system that creates a reliable read in either low or high ambient lighting conditions from various types of printed media including standard size boarding passes, A4 (8.5 in x 11 in) home printed passes, or cell phone displays. It uses a high performance CCD imager to read both 1D and 2D barcodes including the IATA compliant PDF417 as well as Aztec, Datamatrix and QR Codes.

A large, highly visible bi-color Red/Green LED disk clearly indicates whether the host has received and accepted (Green) the passenger for boarding. The bi-color disk includes a 2 line rotating display to ensure visibility from whatever position the agent is standing. A buzzer indicates good or bad reads.

The IER 610 is offered in a table-top design or with an optional standalone pedestal. The table-top unit easily replaces any existing IER 627 reader as its mounting is compatible and includes a IER 627 emulator software.





Counter-top (IER 627 compatible replacement)

Ergonomic design

After ATB reading, boarding pass is presented to agent in vertical, ergonomic position. The IER 610 is equipped with rotating, Red/Green indicator with 2 line text display and buzzer.

New Electronic Architecture and Connection Flexibility

The IER 610 uses a totally new electronic architecture that is common to all new IER printers and readers. This new architecture is based on a modular electronic approach using a LINUX based operating system.

Once an application software is certified on one new IER reader, it will be compatible with all IER new readers without further time-consuming certification testing. This new electronic architecture allows for each IER 610 to be delivered with maximum communication connectivity in a single device: 2 x RS232 serial connections, 1 x USB and 1 x TCP/IP Network connection.

Media

Standard BP's, A4 home check-in pages, cell phones.

Barcodes

PDF417, AZTEC, Datamatrix, QR Code



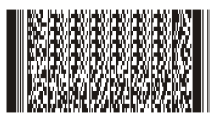
Datamatrix



QR code



Aztec



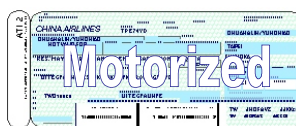
PDF 417



2D barcodes on cell phone



Standalone pedestal with receipt printer option



ATB Boarding Pass

Special Lighting system to improve barcode reading

- Immune to changes in ambient lighting
- Fast response time
- Improved ergonomics (no blinding red light seen by passenger)
- Glass, anti-scratch window
- Reliable reading of printed barcodes
- Reliable reading of barcodes on cell phones with or without backlit display

Barcode Reader

- Version "flatbed" with scanner facing upward
- Omni-directional 2D and 1D, CCD array imager
- Code 2D:
 - PDF417, Datamatrix, QR Code, Aztec
- Code 1D:
 - Code 39, Code 12, Codabar F
 - UPC, EAN, Interleaved 2 of 5
- Response time: < 1 sec.
- Max size of barcode: 80 mm x 52 mm (3.14 in x 2.04 in)

ATB Magnetic Reader

- Motorized reader
- Three and Four Tracks
- Left and Right mag stripe reading (document face up)
- ATB2 boarding pass 8 in
- ATB2 boarding pass 7 3/8 in
- ATB2 Wallet
- No cutting or sorting
- Accepted boarding pass presented to agent in vertical orientation from slot in cover
- Rejected boarding passes returned through the front insert slot.

Indicators

- Rotating Agent/Customer 2 x 16 character LCD Display
- Bi-color Red/Green LED (host signal, Green: OK to board, Red: NOK to board)
- Audible buzzer

Interface

- 2 x RS232C
- 1 x USB 2.0 Full Speed (12 Mbps)
- 1 x TCP/IP, LAN 10/100 BaseT
- Power supply connector
- ON/OFF switch
- Eject button (rear panel)

Software

- Interfaces LAN/RS232/USB
- AEA support (magnetic / barcode)
- Web configuration
- Embedded built-in test SW
- WEB Service Enabled
- Built-in monitoring

Options

- Printer (1D/2D)
- Pedestal

Power Supply

- 100-240 Vac, 50/60 Hz

Physical Data

- Dimensions (h x w x d)
185 mm x 220 mm x 614 mm (7.3 in x 8.7 in x 24.1 in)

Environmental

- Operating Temp: +5°C 40°C (41°F 104°F)
- Storage Temp: -20°C 60°C (-4°F 158°F)

Compliance

- CE Certification
- FCC part 15, Class A
- UL 60950
- C/ULCSA22.2 (CSA)

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