



IER 506

Document printer for
BOARDING PASSES or BAGGAGE TAGS

Multi-Purpose printer for check-in applications

Thermal printer for boarding pass documents, or bag tags

**Flexible, accepts many paper formats:
ATB, thin ATB, bag tag**

Fast print speed

High quality output

**Output stacker for grouped
presentation of boarding passes**

**All the right interfaces:
RS 232, USB, or Ethernet**

**Integrated RF modules
(UHF and HF) for RFID bag tags**

Simple to install and configure

Reliable, robust and easy to maintain

The IER 506 is a powerful printer for check-in document production. It delivers an excellent balance of features, reliability, and value. With its IATA/AEA software functions, its graphical capabilities for logos and barcodes, and its innovative control panel, the IER 506 meets your advanced requirements.

USB or Ethernet-TCP/IP interfaces complete the usual serial connection, to provide you perfect compatibility of the printer with your IT environment. With no trade-off between flexibility and performance, the IER 506 is especially adapted for the airport environment.

The IER 506 is the next step in IER thermal printer product range. Designed to print both boarding passes and baggage tags, it is a remarkable solution for your check-in applications. Flexible, the IER 506 handles many different paper types: thin paper (80 g/m²) at ATB format, ATB coupons, and bag tag paper.

Simple to install

The IER 506 installation is straightforward: the printer is quickly connected through your choice of interface, RS-232, USB or Ethernet, and simply configured, either from the user friendly interface of the front face, or from the network, for example with a standard web browser.

Expandable, the IER 506 can be enhanced with all the right options (extra memory, second connection, for instance), according to your needs.

Pleasant to use

The IER 506 provides your organization, and your customers, with a great print quality, for the printing of both texts and graphics. As such, the printer is ready to produce barcoded boarding passes. Plus, there is no trade-off between print speed and high quality output.

With its convenient display and keyboard and its innovative design, the IER 506 is very pleasant to use.

Integrated RFID

IER 506 RF versions include integrated RFID modules (UHF: 869-960 Mhz or HF: 13,56 Mhz) for high speed encoding of RFID chips embedded in bag tags, compliant with IATA 1740C recommendation.

Easy to maintain

As for all IER products, the IER 506 manufacturing meets industrial quality standards, and follows a rigorous development phase. The whole design of the IER 506 was made to reduce its total cost of ownership, and to provide you more power to achieve your goals.

The IER 506 provides you with great reliability, and is easy to service. Sturdy, the printer utilizes modular components which are easy to replace when it is necessary. Troubleshooting is also easy, thanks to special built in diagnostics and detailed instructions in the operator's manual.

Network connectivity

With its Ethernet TCP/IP capabilities, the IER 506 has an outstanding value in your network architectures. The ability to communicate using TCP/IP allows printing on the IER 506 from a remote workstation, but also configuring the printer from a simple web browser, and monitoring and managing it from a SNMP server.

Output stacker for boarding passes

An optional output stacker, motorized, facilitates the grouped presentation of issued boarding passes. It handles up to 30 boarding passes.



Printing features

- Direct Thermal
- Resolution: 203 dots/inch (8x8 dots/mm)
- Print speed: Up to 5"/sec
- Print width: 3.15" (80 mm)
- Tag width: 1.00" to 3.54" (25.4 to 90.0 mm)
- Scalable fonts, logos and footers

Paper path

- One step auto paper load, no head lever to initiate printing
- Transparency detection cell
- Self-centering paper path
- Integral lifting of the thermal head for easy maintenance
- Automatic platen cleaning feature

Operator display

- 2 lines of 16 characters LCD display on front Panel

Software

- Standard fonts available in a variety of sizes
- Logo PCX format handling
- Fully compatible with the IATA/AEA specifications
- Downline loadable software

Electronics

- Standard 0.5 MB RAM
- Standard 2MB FLASH PROM
- Optional up to 8 MB FLASH PROM

Interface

- Serial asynchronous standard RS232
- Or USB 1.1 (option)

Options

- External roll stock, maximum diameter 7.25" (183 mm)
- Second Rs232 interface
- Or
- Ethernet
- UHF or HF RFID modules
- Motorized output stacker

Power supply

- AC power: universal input, 100-120/200-240 VAC, 50/60Hz ±2%

Environmental

- Operating temperature: +41°F to +104°F (+5°C to +40°C)
- Storage temperature: -4°F to +140°F (-20°C to +60°C)
- Operating humidity: 20% to 80% (non condensing)

Agency approvals (pending)

- CE, FCC part 15, Class A
- UL, C/UL (CSA)

Physical data

- Dimensions (w x h x d): 200 x 200 x 300 mm (7.9 x 7.9 x 11.8") - standard, 200 x 200 x 490 mm (7.9 x 7.9 x 19.3") with paper roll support
- Weight: 8.0 kg (17.6 lb) - standard, 8.3 kg (18.3 lb) with paper roll support

RFID modules

Integrated RFID module solutions for:

- UHF (860 - 960 MHz):
 - Protocols iPX, ISO, ePC Class 0¹, 1
 - Designed to meet Class 1, Gen 2
- HF (13.56 MHz):
 - Protocol ISO 15693

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