PF2i

EasyCoder® PF2i RFID Baggage Tag Printer

- **RFID – IATA 1740c Compliant**

- **Verified meantime between failure of 20,000 hours**

- **Multiple connectivity options for flexible integration**

- **CompactFlash memory for quick and easy upgrades of firmware, font and memory**

- **Superior throughput with exceptional print quality and long print-head life**

PF2i Big Top

Easy Access

PF2i Short Lid

The rugged, compact design of the Intermec EasyCoder PF2i RFID baggage tag printer make it ideal for meeting the demands of airline and transportation applications where space is limited and downtime is not an option. With few parts and a verified mean time between failure of 20,000 hours, the PF2i delivers exceptional reliability ensuring low cost of ownership.

Exceptional throughput and print quality are maintained even with RFID labels. The patented RFID radio module within the PF2i encodes and verifies the RFID tags within the media ensuring a viable bag tag each and every time.

The PF2i can take advantage of the latest RFID tag technologies including ISO 18000-6B and 6C, as well as EPC Generation 2. Available in a variety of UHF frequencies, the PF2i is ready for use in most regions of the world.

The PF2i RFID Bag Tag printer comes in two versions; both capable of printing on RFID enabled external fan-folded bag tags as well as non-RFID credit card size boarding tickets. The Short Cover version prints up to 56 mm (2.2 in) wide baggage tags and houses full-size label rolls up to 213 mm (8.4 in) in diameter, minimizing the need to re-load the printer frequently. The Big Top version accommodates a standard 185 mm (7.25 in) diameter baggage tag rolls.

Leveraging Smart Printing™ capabilities, the PF2i can easily emulate competitive and older Intermec printers, including the BT201, providing a seamless transition to newer RFID-enabled technology that is increasingly in demand in today's security–conscious transportation environments.

Multiple connectivity options also allow for flexibility when integrating the PF2i Bag Tag printer. In addition to standard RS232 and USB ports, the PF2i can be fitted with an optional parallel, double serial or industrial interface.

Intermec's fully integrated wired and wireless technology not only ensures secure printing and network infrastructure for all environments, but also eliminates the bottleneck caused with internal bridging over an RS232 connection. The wireless interface uses an integrated standard 802.11b/g radio providing 128-bit WEP encryption of the information relayed through the network.

Each printer ships with a CompactFlash memory slot as a standard feature. The handy, inexpensive and PC-compatible CompactFlash™ memory technology provides quick and easy memory expansion for extra storage of formats, graphics, fonts and easy firmware upgrades.

Intermec®

The magnetic QuickMount™ printhead enables users to quickly and easily replace the printhead by leveraging a magnet and u-brackets to ensure proper alignment - no tools required.

The PF2i RFID bag tag printer can be complemented by the Intermec EasyCoder PF4i, a 4-inch print width version, ideal for printing full size boarding passes. They use the identical hardware and software enabling maintenance cost efficiency.

Description
The EasyCoder PF2i RFID Baggage Tag printer is an RFID-enabled direct thermal printer designed for encoding and printing RFID bag tags as well as non-RFID tickets.

Physical Characteristics
Length: 397 mm (15.6 in)
Height: 178 mm (7 in) in short lid version
Height: 205 mm (8.1 in) in Big Top version
Width: 194 mm (7.6 in)
Weight: 5.5 kg (12 lbs.)

Print Specifications
Max. Width: 56 mm (2.2 in)

Print Speed
Up to 200 mm/s (8in/s)

Print Direction
Prints smooth text, any size bar codes and graphics in all four orthogonal directions.

Print Resolution
8 dots/mm (203 dpi) std

BaggageTag/Ticket
Max. Width: 60 mm (2.36 in)
Min. Width: 25.4 mm (1 in)
Thickness: 2.5 to 8.7 mil
Style: Roll-fed, die-cut, continuous or fanfold baggage tags or tickets
Label Roll max diameter: 185 mm (7.3 in) with Big Top cover, or 213 mm (8.4 in) with short media cover
Label Roll Core: 38-76 mm (1.5-3 in)
Media Type: Thermally sensitive media

Interfaces
Standard:
- RS-232, up to 115.2 kB/s
- USB 1.1
- Wand interface for EasySet™ System

Optional:
- EasyLAN Wireless internal Ethernet
- EasyLAN 10/100BaseT internal Ethernet

Optional interface card adapters:
- Parallel IEEE 1284
- Industrial Interface (8 digital in/out, 4 analog relays, 1 RS232/422/485 port)
- Dual Serial ports RS-232, RS-422, RS-485 and 20mA Current Loop

Network Interface Options:
EasyLAN Integrated Ethernet: RJ-45 connector for 10BaseT or 100baseTX

EasyLAN Wireless
- Fully integrated IEEE 802.11b/g
- WEP 128 bit
- Supports IEEE 802.1x security

Supported Protocols:
TCP/IP-suite (TCP, UDP, ICMP, IGMP, etc.), LPR/LPD, FTP, BOOTP, DHCP, HTTP, SNMP, SMTP.SNMP-MIB II supported (over UDP/IP), private enterprise MIB included

Software, Customized:
- Specific Airline applications bases on std AEA
- Any other specific, non AEA, Airline application.

Generic Applications / Drivers:
- InterDriver™ Windows printer driver
- Intermec LabelShop® START label design and print package
- PrintSet for printer configuration

Bar Code Symbologies
1-dimensional: Codabar, Code 11, Code 39, Code 39 full ASCII, Code 39 w. checksum, Code 93, Code 128, Code 128 Subset A-C, DUN-14/16, EAN-8, EAN-13, EAN-128, EAN-128 Subset A-C, Five-Character Supplemental Code, Industrial 2 of 5, Industrial 2 of 5 w. checksum, Interleaved 2 of 5, Interleaved 2 of 5 w. checksum, Interleaved 2 of 5 A, Matrix 2 of 5, Postnet, Straight 2 of 5, Two-Character Supplemental Code, UCC-128 Serial Shipping Container Code, UPC-5 digits Add-On Code, UPC-A, UPC-D1 to D5, UPC-E, UPC Shipping Container Code
2-dimensional: Code 16K, Code 49, Data Matrix, MaxiCode, MSI(modified Plessey), PDF 417, Plessey, QR Code, MicroPDF417

RFID Standards and Frequencies Supported
- Compliant with IATA/AEA baggage tag specifications including IATA 740, 1740c (RFID);
- ISO 18000-6b and 6c; EPC Generation 2 (Class 1 Gen 2)
- 860-960 MHz software-defined radio, configured to comply with local UHF RFID regulations

Other Standards Supported
SITA CUTE and ARINC MUSE Certified Character Sets 15 TrueDoc™ scalable fonts including12 UNICODE (1 WGL4), 1 symbol, 1 OCR-A, 1 OCR-B. Font cache for maximum performance. ATF font support. Non-Latin fonts available as options.

Graphics
Supports PCX file format and traditional BT201 Intelhex format.

Memory
Standard: 8MB Flash memory, 16MB SDRAM, 1 Compact Flash slot
Optional: Flash memory: Up to 16MB totally. (8+8MB), 1GB CompactFlash memory

Display
Back-lit LCD for 2x16 characters and 3 LED indicator lamps

Keypad Control Panel
Full keypad control panel

Power Supply
115/230VAC auto-switch w/PFC
Voltage Range: 100-240 VAC ±10%.
Frequency Range: 45-65 Hz

Operating Environment
Temperature: +5°- 40°C (+40°- 104°F)
Humidity: 20-80% RH non-condensing
Noise: 50 dB (printing), no noise standby

Regulatory Approvals
CE (EN55022 Class A), FCC Class A, UL, CSA, C-Tick

Options
Label Taken Sensor (LTS), CompactFlash (CF) Memory, Flash and SDRAM SIMM, Various International Double Byte Fonts, EasySet Bar Code Wand, External RS-232C Alphanumeric Keyboard, Parallel Interface Board, Additional Serial Interface Board, Industrial Interface Board, Real Time Clock

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