Product profile

# PF2i

## RFID Baggage Tag Printer

- **Strong, all-metal construction** and superior throughput for demanding airline and other transportation applications
- **Compact size** fits space-constrained environments
- **Exceptional reliability** ensures low cost of ownership
- **Smart Printing capabilities** support stand-alone printer applications, eliminating PC expense and complexity
- **Secure wireless connectivity:** CCX and WiFi® certified with WPA2
- **Integrated Ethernet,** USB host and device, and serial interface standard
- **Internet Protocol v6** (IPv6) support
- **RFID –** IATA 1740c Compliant

A member of the smartest bar code printer family on the market, the Intermec PF2i is flexible and programmable, enabling transportation industry customers to optimize their printing operations, streamline deployment, and achieve quick return on investment. Built to meet the needs of mission-critical applications, the rugged PF2i delivers advanced, secure connectivity and the latest network protocols, ensuring peace-of-mind today and a reliable, scalable solution for the long haul. The compact PF2i RFID Baggage Tag Printer is part of Intermec's complete line of smart, strong and secure industrial printers.

### Smart

The PF2i's smart design features support increased productivity in demanding environments. As a Smart Printer, the PF2i can host stand-alone applications, developed through Intermec Fingerprint programming language, that reduce errors and streamline operational processes. Smart Printers can eliminate the PC and control other devices directly, improving efficiency and decreasing infrastructure costs and complexity.

The PF2i's integrated device management and diagnostic capabilities, provided through Intermec SmartSystems™ and Wavelink Avalanche™, reduce downtime and simplify deployment. Its secure, industry-standard connectivity options support easy integration and fast deployment.

### Strong

Rugged and compact, the PF2i is ideal for demanding airline and transportation applications where space is limited and downtime is not an option. With few parts to maintain and exceptional reliability, the PF2i ensures low cost of ownership. Its patented RFID radio module encodes and verifies the RFID tags within the media ensuring a viable bag tag every time.

The PF2i can print on RFID enabled external fan-folded bag tags as well as non-RFID credit card size boarding tickets. It can take advantage of the latest RFID tag technologies including ISO 18000-6B and 6C / EPC Gen 2, and provides a seamless transition from older printers (such as the BT201). Because it is available in a variety of UHF frequencies, the PF2i is ready for use in most regions of the world.

### Secure

Multiple interface options are available, including the highest level of secure wireless connectivity (WPA2). The industry's only printers available with WiFi- and CCX-Certification, Intermec industrial printers help maintain wireless network integrity and reduce configuration time. Every printer ships with Ethernet connectivity, as well as with emerging network protocol IPv6, ensuring long-term,

Intermec by Honeywell

enterprise scalability. Other connectivity options provide additional integration flexibility.

The standard CompactFlash™ memory slot is complemented by new USB host and device support. Handy, inexpensive and PC-compatible, CompactFlash and USB memory technologies provide extra storage for Fingerprint programs, layouts, graphics*, fonts and firmware upgrades.

The PF2i can be complemented by the Intermec PF4i, a four-inch printer ideal for printing full size boarding passes which leverages the same hardware and software, for maintenance cost efficiency.

* Fingerprint only

**Description**
The PF2i 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)
**Height (big top):** 205 mm (8.1 in)
**Width:** 194 mm (7.6 in)
**Weight:** 5.5 kg (12 lbs.)

**Print Specifications**
**Max. Width:** 56 mm (2.2 in)
**Max. Length:** 4095 mm (161.2 in)

**RFID Standards & Frequencies**
Compliant with IATA/AEA baggage tag specifications including IATA 740 and 1740c
Supports ISO 18000-6B and 18000-6C / EPC Class 1 Generation 2
865-928 MHz radio configured to comply with local UHF RFID regulations including FCC and ETSI

**Print Speed**
100 - 200 mm/s (4 - 8 ips) variable

**Print Resolution**
8 dots/mm (203 dpi)

**Media**
**Type:** Labels & Tags
**Max/ Min Width:** 60/ 25.4 mm (2.36/ 1 in)
**Thickness:** 3.0 to 7.5 mil
**Configuration:** Roll-fed or fanfold
**Sensing:** Gap, notch, black mark, continuous
**Label Roll Max Diameter (long door):** 152.4 mm (6 in)
**Label Roll Max Diameter (short door):** 213 mm (8.38 in)
**Label Roll Core:** 38-76mm (1.5-3 in)

**Type:** Ribbons
**Roll Max Diameter:** 65 mm (2.56 in), approx. 225m
**Core ID:** 25.4 mm (1")
**Type:** Wax, mid-range, resin

**Genuine Intermec Media:** www.intermec.com/media

**Interfaces**
**Standard:**
- Ethernet 10/100 Mbps
- RS-232, up to 115.2 kB/s

**Supported Serial Protocols:**
- Fingerprint/Direct Protocol: XON/XOFF, ENQ/ACK, DTR, RTS/CTS
- IPL: XON/XOFF, Intermec Std. Protocol
- USB 2.0

**Optional:**
- 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

**Wireless:**
- IEEE 802.11 b/g
- Wi-Fi Certified, CCX (Cisco®) version 3 Certified
- WEP, WPA, WPA2, 802.11x (EAP-TTLS, LEAP, PEAP, FAST), 802.11i
- Multiple industrial antenna options for maximized coverage

**Supported Protocols:**
TCP/IP-suite (TCP, UDP, ICMP, IGMP, etc.) LPR/LPD, FTP, BOOTP, DHCP, HTTP, SNMPv3, SMTP.SNMP-MIB II supported (over UDP/IP), private enterprise MIB included
Supports IPv4 and IPv6

**Software**
**Printer Command Languages:**
- IPL
- Fingerprint/Direct Protocol
- ZSim (ZPL)
- DSim (DPL)
- XML enabled for SAP® AII and Oracle® WMS

**Applications / Drivers:**
- InterDriver™ Windows printer driver
- Intermec label design and print package
- PrintSet for printer configuration

**Development Software:**
- Intermec Fingerprint Application Builder™ (IFAB) (RFID libraries included)

**Device Management Support:**
- SmartSystems™
- Wavelink Avalanche™

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

**Bar Code Symbologies**
All major 1D and 2D symbologies are supported.

**Fonts**
Scalable fonts including CP1252
Font cache for maximum performance
Non-Latin fonts and legacy fonts available

**Graphics**
Supports PCX file format. (Fingerprint Only)
Other formats supported with Label Generation Tools

**Memory**
**Standard:** 16MB Flash memory, 32MB SDRAM, 1 Compact Flash slot
**Available:** 1GB CompactFlash memory, multi-GB USB memory device (FAT16/FAT32 USB drivers supported)

**Keypad Control Panel**
Interactive numeric keypad control panel

**Power Supply**
**AC Voltage:** 90 to 265 VAC, 45 to 65Hz
**PFC Regulation:** IEC 61000-3-2
**Power Consumption:** Standby 15W; Peak 300W

**Operating Environment**
**Ambient Operating Temperature:**
+5°C to +40°C (+41°F to +104°F)
**Storage Temperature:** -20°C to +70°C (-4°F to +152°F)
**Humidity:** 20 to 80% non-condensing

**Regulatory Approvals**
CE (EN55022 Class A), FCC Class A, UL/cUL, C-Tick

**Options**
Integral self-strip unit with liner takeup, Label Taken Sensor (LTS), Compact Flash (CF) memory, various international double byte fonts, alphanumeric keyboard*, parallel interface board, additional serial interface board*, industrial interface board*, applicator interface board*, real time clock, media supply hub, label low sensor

*Not applicable when using IPL firmware

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Intermec SmartSystems™

Intermec RFID

CISCO Compatible

Wi Fi CERTIFIED