PB2/PB3

Commercial Mobile Receipt Printers

- **Compact and lightweight for all-day use**

- **Compatible with popular Intermec CN Series and CK3 mobile computers**

- **Long life, field replaceable batteries**

- **Choice of Bluetooth®, WLAN, or IrDA communications, plus standard Serial**

- **On-board memory supports resident fonts, logos, graphics**

- **Optional magnetic stripe reader**

- **Optional environmental case for adverse conditions**

Comfortable enough to wear all day, the lightweight and compact Intermec PB2/PB3 two- and three-inch commercial receipt printers meet the needs of the mobile workforce in DSD/route accounting, retail queue busting and field service applications. Long-lasting, field replaceable batteries and weather-resistant construction ensure the PB2/PB3 delivers dependable, all-day service, whenever and wherever required.

The ideal companion to Intermec worldclass mobile computers and scanners, the PB2/PB3 printer interfaces seamlessly via Bluetooth® or 802.11g with the CN and 700 Series handheld computers, as well as with the Intermec CK3. The PB2/PB3 also has the ability to print from a wide range of handheld devices and smart phones to produce receipts on demand. Available with optional card reader, the PB2/PB3 gives workers the flexibility to accept payments via their mobile computer or their printer. Either way, the combination supports increased productivity and customer satisfaction, enabling workers to process payments on the go and generate receipts immediately.

The PB2/PB3 and its accessories are designed for easy mobility. The most compact and lightweight of Intermec's

mobile printers, the PB2/PB3 can be comfortably worn all day, using the included belt loop or optional shoulder strap for convenient, hands-free operation. For added protection in outdoor applications such as issuing electronic citations and processing car rental returns, the PB2/PB3 offers an optional IP54-rated environmental case that provides extra weather resistance without affecting mobility.

With multiple connectivity options and robust, field-replaceable batteries, the PB2/PB3 is always ready to work. Batteries can be charged independently of the printer unit, maximizing uptime and convenience. And the PB2/PB3 comes with secure Bluetooth, 802.11 or IrDA wireless connectivity, as well as standard serial communication.

Priced affordably to enable efficient, cost-effective receipt printing where and when it's needed, the PB2/PB3 commercial receipt printers help companies increase the return on their mobility investment. The PB2/PB3 printers are part of a complete hardware solution from Intermec, that also includes Intermec receipt media and Medallion Support services, as well as a full range of AIDC products.

Intermec®

Physical Characteristics

	PB2	PB3
Width	103.23 mm (4.06 in)	127.20 mm (5.01 in)
Height	60.96 mm (2.40 in)	57.69 mm(2.27 in)
Length	138.58 mm (5.46 in)	156.10 mm (6.14)
Weight – printer only		
	314 g (11.1 oz)	422 g (14.9 oz)
Weight – with battery & media roll		
	472 g (16.7 oz)	583 g (20.6 oz)

Environmental
Operating temperature: -10°C to 50°C (14°F to 122°F)
Storage temperature: -20°C to 60°C
(-4°F to 140°F) without battery
Operating humidity: 20% to 85% non-condensing
Storage humidity: 5% to 95% non-condensing
Rain & Dust Resistance: IP54 with
optional environmental case
Drop spec: Survives 1.5m (5 ft.) drop to concrete

Power
Battery: Rechargeable 7.4V Li-Ion, 2200mAh.
Battery rechargeable up to 8.5V.
Recharging: approximately 180 minutes
Charging temperature: 10°C to 25°C (68°F to 77°F)
Battery storage temperature: 4°C to 40°C
(40°F to 104°F)
**Endurance per fully charged battery at 25% print
density:** PB2: 256 m (842 ft); PB3: 194 m (636 ft)
AC Adapter: 100 to 240 VAC @0.4A; meets CEC EPS

Memory
RAM: 1MB
Flash: 4MB

Standard Communications
RS-232 Serial

Optional Communications
Bluetooth® (v2.0, Class II)
IrDA
802.11g

Wireless Security
Authentication and Encryption Options:
WPA-PSK/WPA2-PSK; LEAP; WEP 64/
WEP 128; TKIP and AES/CCMP

Optional Card Reader
Magnetic Stripe Reader (MSR) 3 track -
ANSI/ISO 7810, 7811 standards

Print Speed and Resolution
203 dpi (8 dots/mm)
PB2: up to 2+ ips (56mm/s at 7.2V;
25C and 64 dots fired) at 8.5V
PB3: up to 2 ips (50mm/s at 7.2V;
25C and 64 dots fired) at 8.5V

Print Technology
Printhead: Direct thermal
Maximum print width:
PB2: 48mm (1.89 in); **PB3:** 72mm (2.83 in)

Media
Type: Receipt media
Width: PB2: 57mm (2.25 in); **PB3:** 79mm (3.125 in)
Media length: Continuous
Thickness: up to 4 mil
Core ID: 10mm (0.4 in)
Capacity: PB2: 18m (60 ft); **PB3:** 13m (44 ft)

Software
Programming Language
ESC-P command sets (Line Print and Easy Print modes)

Character Sets
Standard: English and Latin
Optional: Arabic, Simplified Chinese, Traditional
Chinese, Cyrillic, Greek, Hebrew, and Polish
Resident font sizes: PB2: 24, 32,38,40, 48 characters
per line; PB3: 36, 48, 57, 63, 72 characters per line
Additional character sets can be printed
using software from FieldSoftware.com

Graphics
Supports user-defined fonts, graphics, formats
and layouts, including custom logos

Barcode Symbologies
1D: Codabar, Code 39, Code 128 Subset A-C, UCC/
EAN-128, Interleaved 2 of 5, UPC/EAN/JAN
2D: PDF417

User Interface
Three Multi-function Status LEDs: Power on,
Bluetooth® or 802.11g radio on, low battery,
battery charging, card reader ready (for
MSR options), print error, paper out.

Ships with
Printer, battery, universal AC adapter,
belt loop, one roll of media, printhead
cleaning pen, quick start users guide

Accessories
Universal AC charger with four socket adapter
plugs, belt loop, shoulder strap, IP54 protective
environmental case, card reader cleaning cards,
printhead cleaning pen, battery, two-bay battery
charger, cigarette lighter adapter/12V vehicle
battery charger, serial cable, developers kit.

Warranty
One year; additional Medallion
service packages available

In a continuing effort to improve our products, Intermec
Technologies Corporation reserves the right to change
specifications and features without prior notice.

Intermec®

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