

Product profile

PB₂/PB₃

Commercial Mobile Receipt Printers



- Compact and lightweight for all-day use
- Compatible with popular Intermec CN3 Series, 700 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 or Smart Card readers
- 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 world-class mobile computers and scanners, the PB2/PB3 printer interfaces seamlessly via Bluetooth® or 802.11g with the CN3 and 700 Series handheld computers, as well as with the new 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 clip 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.

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 in) |
| 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 (PB2); 1 m (3.3 ft.) (PB3)

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: 10% print density: PB2:

127m (415 ft); PB3: 108m (354 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 Readers

Magnetic Stripe Reader (MSR) 3 track -

ANSI/ISO 7810, 7811 standards

Smart Card Reader (SCR) Contact ISO-7816 (PB3 only)

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

Graphics

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

Barcode Symbolologies

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

and SCR options), print error, paper out.

Ships with

Printer, battery, universal AC adapter,

belt clip, one roll of media, printhead

cleaning pen, quick start users guide

Accessories

Universal AC charger with four socket adapter

plugs, belt clip, 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

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