

## Product profile



# PB41

Portable Printer

- **Lightweight, rugged, compact design**
- **Resilient high-density polyethylene case**
- **Companion to the Intermec® CN3 and 700 Mobile Computer Series**
- **Integrated Bluetooth™ and 802.11 wireless printing**
- **Ability to perform wireless printer status and configuration requests**
- **Rated to withstand cold temperatures to -20° C**
- **External paper load option**

Intermec's PB41 printer is the ultimate print solution for store delivery, route accounting, field service, logistics, home delivery and pre-sales systems. The PB41 interfaces seamlessly with the Intermec CN3 or 700 Mobile Computer series. Daily route activities are easily entered and tracked via a mobile computer throughout a workers shift. Receipts are immediately provided to the customer for prompt payment or to eliminate duplicate billing efforts.

The lightweight and compact design of the PB41 is ideal for vehicle mounting or hand carrying. This printer is built to withstand the rugged conditions it will be exposed to on the road. The resilient high-density polyethylene case is virtually indestructible

withstanding multiple four foot drops to concrete. The PB41 printer operates via vehicle mount or battery operation.

Spending a lot of time in cold environments? Intermec's PB41 direct thermal portable printer is rated to withstand temperatures as low as -20° C.

The PB41 can be used serially or wirelessly. The integrated Bluetooth and industry standard 802.11b wireless options make it easy for workers to remain on the go. There are no hassles with cables or wires. Bi-directional communication enables the printer to execute requests for wireless printer statuses and configuration. The printer goes where you need it, when you need it for maximum efficiency.

## Application

Direct Thermal receipt printing

## Physical Characteristics

**Length:** 7.37 in (18.72 cm)

**Height:** 6.82 in (17.32 cm)

**Width:** 2.67 in (6.78 cm)

**Weight:** 39.6 oz (1122.6 g) (incl. batteries / paper roll)

**Drop Spec:** 4 feet (1.2 m)

## Print Specifications

**Max. Print Width:** 4.09 in (104 mm)

**Max. Print Length:** 120 feet is average roll size

## Print Speed

Selectable print speeds up to 2.5 ips (63.5 mm)

## Print Resolution

8 dots/mm (203.2 dpi)

## Media Specifications

**Style:** Roll-feed continuous receipt or label

**Type:** Direct thermal paper and labels

**Max. Paper Width:** 4.41 in (112.0 mm)

**Roll Capacity:** Thermal Paper: 1,716 in (43.5 m)

## Interface

RS-232 Serial – up to 115.2k baud

**Wireless LAN** – Cisco Aironet® 350 Series PC Card (PCMCIA)

**Frequency band:** 2.4 to 2.4897 GHz

**Data rates supported:** 1, 2, 5.5, and 11Mbps

**Network Standard:** IEEE 802.11b

**Network Architecture Types:** Infrastructure and ad hoc

**Wireless Medium:** Direct Sequence Spread Spectrum (DSSS)

**Personal Area Network** – Integrated Bluetooth Module

**Network Environment:** Ad hoc

**Protocol:** Supports version 1.1 of the Bluetooth standard (SIG certification pending)

## Power

**Battery Type:** 7.2 V Lithium Ion 2,200 mAh (two batteries for a total of 4,400 mAh)

**DC Input:** 12-15V, built-in spike and surge protection

**Battery Life:** Dependent on usage –

**Bluetooth** – prints 4,250 inches on a single battery charge

**802.11b** – Prints 3,864 inches on a single battery charge

**Recharging:** 2-3 hours from AC adapter or cigarette lighter adapter

## Bar Code Symbologies

Prints 1D and 2D bar codes

## Fonts

5.5 CPI; 7.2 CPI; 10.2 CPI; 10.7 CPI; 18.5 CPI; 20.4 CPI; 22.6 CPI

Unicode subset including Thai and Latin

## Graphics

Supports storage and one time transient use of graphics and logos in flash memory.

## Memory

**Flash** – 8 Mbit

**RAM** – 4 Mbit

## Environment

**Operating Temperature:** -20° C to 50° C (-4° F to 122° F)

**Storage Temperature:** -40° C to 70° C (-40° F to 158° F)

**Charging Temperature:** 5° C to 40° C (41° F to 104° F)

**Humidity:** 10% to 90% (non condensing)

**ESD Protection:** 8 kV Air, 4 kV Contact

## Regulatory Approvals

FCC B, CE, C-Tick, E-Mark

## Warranty

1 Year (including printer case)

## Options

Swivel Belt Loop; Vehicle Mounting Bracket; DC Power Extension; AC Adapter; Cigarette Lighter Adapter; DB9F Data Cable

# Hi Pro Solutions

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