



Intermec

Product Profile

- Lightweight, rugged, compact design
- Resilient high-density polyethylene case
- Companion to the Intermec® 700 Series Mobile Computer
- 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



P B 4 1 P O R T A B L E P R I N T E R

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 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.

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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)

Linerless: 840 in (21.3 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 Symbolologies

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



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