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.

Intermec®

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

Wi-Fi CERTIFIED

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

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