

## Printer Name

P4T  
RP4T

## Standard Features

- 8 MB Flash /16 MB SRAM memory
- USB 2.0 serial connection
- 32 bit processor
- Thermal transfer or direct thermal printing modes
- Large LCD
- Drop-in/pop-out media and ribbon loading
- Tolerant of multiple drops up to 5' to concrete
- Sensor detects gap, black bar, media, media width, door ajar and ribbon
- Smart battery and ribbon cartridge
- Shoulder strap
- Peeler

## Printer Specifications

### Resolution

203 dpi/8 dots per mm

### Memory

8 MB Flash/16 MB SRAM

### Maximum Print Width

4.09"/104 mm

### Maximum Print Speed

- DT: 3"/76.2 mm per second
- TT: 1.5"/38.1 mm per second

## Operating Characteristics

### Environmental\*\*

- DT Operating Temp.: -4° F/-20° C to 122° F/50° C
- TT Operating Temp.: 32° F/0° C to 113° F/45° C
- Storage Temp.: -22° F/-30° C to 149° F/65° C
- Operating Humidity: 10% to 90% non-condensing

\*\* Extremes in temperature and label image density may affect throughput and print image quality. Please contact Zebra for guidance to maximize the performance of your solution.

### Electrical

7.4V, 4200 mAh rechargeable Li-Ion battery

### Agency Approvals

- EMC: FCC Part 15 and EN55022 Class B limits
- Radio approval for BT, 802.11b/g & RFID: FCC, Industry Canada
- Safety: IEC 60950, NRTL marking for US & Canada
- EU: EMC, LVD, R&TTE Directives
- Additional countries being certified. Please check zebra.com for availability.

## Physical Characteristics

- Width: 7"/177.8 mm
- Height: 8.6"/218.4 mm
- Depth: 3"/76.2 mm
- Weight: 2.9 lbs/1.32 kg with ribbon and battery

## Media Characteristics

### Maximum Label and Liner Width

4.12"/104.6 mm

### Maximum Media Roll Size

- Non-RFID media: 2.6"/66 mm O.D. on a 0.75"/19.1 mm I.D. core
- RFID media: 2.6"/66 mm O.D. on a 1.375"/34.9 mm I.D. core

### Media Thickness

- Receipt paper: 3.2 mil (min)
- Labels: 8.2 mil (max)
- Tags: 6.5 mil (max)

### Media Types

Labels and documents up to 4" wide on either synthetic or paper

### Ribbon Characteristics

- Ribbon type: Wax; wax/resin
- Standard length: 98.4'/30 m
- Ratio: Approximately 2:1 media to roll to ribbon depending on media thickness
- Ribbon width: 4.33"/110.0 mm

## ZebraLink™ Solutions

### Software/Networking/Firmware

Printer Control Language—The P4T/RP4T mobile printer comes equipped with CPCL, ZPL®† and XML, ensuring easy integration into existing systems that run Zebra mobile printers without the need for additional software. WML for display programming.

† ZPL required for RFID support.

## Fonts/Graphics/Symbologies

### Fonts and character sets

- Scalable text feature
- Standard resident fonts† can be rotated in 90° increments
- International character set support: US/Canadian English/Latin 1 & 5 (Incl. Turkish), Japanese 16x16, Japanese 24x24, Chinese 16x16 (traditional), Chinese 16x16 (simplified), Chinese 24x24 (simplified), Korean Mincho, Korean Myeong. Others available upon request.

### Graphic features

Supports user defined fonts and graphics and logos

## Barcode Symbologies

- Linear Barcodes: Code 39, Code 93, UCC/EAN128, Code 128, Codabar (NW-7), Interleaved 2-of-5, UPC-A, UPC-E, 2 and 5 digit add-on, EAN-8, EAN-13, 2 and 5 digit add-on
- 2-Dimensional: PDF417, MaxiCode, QR Code, GS1 DataBar™ (RSS) family, Aztec, MSI/Plessey, FIM Post Net, Data Matrix
- Barcode Ratios: 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1

† Contains UFST from Monotype Imaging, Inc.

## Communication and Interface Capabilities

- Communication interface: USB 2.0
- Wireless: Bluetooth, short range radio frequency connectivity. Profiles supported: SPP
- WLAN (802.11b/g) support for the following security protocols: Airbeam Safe VPN, EAP-TLS, EAP-TTLS, LEAP, PEAP, EAP-FAST. WPA with the protocols listed and WPA2-PSK (AES or TKIP).

## Options and Accessories

- Bluetooth 2.0
- 802.11b/g
- RFID Option
  - Supports passive EPC Class 1 Gen 2 protocol
  - Fully integrated ThingMagic® UHF RFID Reader/Encoder
  - RFID ZPL commands allow ease of RFID setup with maximum flexibility
  - Variable RFID read and write power settings to support a wide variety of inlays
  - RFID counters keep track of good and bad labels
  - Verification and voiding of inlays to prevent usage of bad labels
  - Interoperable with a wide variety of Gen 2 labels and tags
  - Supports extended memory features of newer Gen 2 inlays
- Fanfold support
- AC adapter
- AC single charger
- Quad battery charger
- Vehicle cradle for docking and charging
- RAM® mounting hardware for vehicles or forklifts
- Heavy-duty forklift mount
- DC adapter
- In-vehicle mobile charger
- Nylon soft case
- Spare battery
- Cables