Zebra® RFID Ready Printers

Easily Meet Future RFID Tagging Initiatives with Zebra's RFID Ready Printers.

Zebra's RFID Ready products allow companies to invest in the bar code printers they need now while providing a migration path to the RFID technology they will need in the future. RFID Ready models are modified for easy upgrade to the UHF EPC Gen 2 standard. The reader/encoder supports the RFID protocols that are most current at the time of installation, and can be Flash-upgradeable to support future protocols. The 110Xi4™, Z Series®, and P4T™ printers are shipped as RFID Ready, allowing companies future upgrade capability without additional upfront cost.

With Zebra's RFID Ready products, companies can

- Protect investments in the bar code printers they need now, while having a migration path to the RFID technology they will need in the future.

- Take advantage of proven printer platforms that provide all the rugged reliability they've come to expect from Zebra.

- Be assured their printing solutions are built on Zebra's 39-year heritage as an innovative leader in bar code and RFID solutions.

High-performance RFID Ready printers have been designed for item-, case- and pallet-level identification for organizations needing to streamline business-improvement, logistics and supply chain management applications including:

- Item-level tracking for apparel and other retail item tagging, package verification, work in process, product authentication, document tracking, healthcare specimen tracking and more

- Asset tracking

- Inventory management

- Shipping/receiving verification

- Distribution

Zebra's RFID Ready Family

Xi4™

Zebra's flagship printer, the high-performance 110Xi4, offers fast, 14-ips print speeds and is designed for applications with high duty cycles.

Maximum Print Width

4.0"/102mm

Resolution

- 203 dpi/8 dots per mm
- 300 dpi/12 dots per mm
- 600 dpi/23.5 dots per mm

Print Speed

Up to 14" per second

Physical Characteristics

- Width: 10.31"/261.9 mm
- Height: 15.5"/393.7 mm
- Depth: 20.38"/517.5 mm
- Weight: 50 lbs/22.7 kg

Media Characteristics

Labels
- Max. Roll Size: 8"/203 mm O.D. on a 3"/76 mm I.D. core
- Thickness (label & liner): .003"/.076 mm to .012"/.305 mm
- Media Types: Continuous fanfold, die-cut or black mark
- For optimum print quality and printer performance, use genuine Zebra™ supplies.

Ribbons
- Ribbon is recommended to be at least as wide as media.
- Max. Roll Size: 3.2"/81.3 mm O.D. on a 1"/25.4 mm I.D. core
- Standard Lengths: 1,476'/450 m or 984'/300 m; provides 3:1 & 2:1 media roll to ribbon ratios
- Ribbon Setup: Ribbon wound ink side out

Z Series®

Ideal for most applications, Z Series metal printers are rugged, high-speed and best-in-class, with features resulting in enhanced productivity.

Maximum Print Width

- ZM400: 4.09"/104 mm
- ZM600: 6.6"/168 mm

Resolution

- 203 dpi/8 dots per mm
- 300 dpi/12 dots per mm
- 600 dpi/24 dots per mm (ZM400 only)

Print Speed

- 203 dpi: 10"/254 mm per second;
- 300 dpi: 8"/203 mm per second;
- 600 dpi: 4"/102 mm per second

Physical Characteristics

- Width: 10.9"/278 mm
- Height: 13.3"/338 mm
- Depth: 18.7"/475 mm
- Weight: 32.4 lbs/15 kg
- Shipping weight: 49 lbs/22 kg

Media Characteristics

Maximum Label and Liner Length
Maximum non-continuous: 39"/991 mm

Maximum Label and Liner Width
- ZM400: 4.5"/114 mm
- ZM600: 7.0"/178 mm

Ribbon Characteristics
- Ribbon is recommended to be at least as wide as media.
- Max. Roll Size: 3.2"/81.3 mm O.D. on a 1"/25.4 mm I.D. core
- Standard Lengths: 1,476'/450 m or 984'/300 m; provides 3:1 & 2:1 media roll to ribbon ratios
- Ribbon Setup: Ribbon wound ink side out (ribbon wound ink-side in can be used with optional ribbon spindle on ZM400)

P4T™

The world's first mobile thermal transfer printer with optional RFID upgradability, the P4T prints long-lasting labels and receipts where and when you need them.

Maximum Print Width

4.09"/104 mm

Resolution

203 dpi/8 dots per mm

Print Speed

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

Physical Characteristics

- Width: 6.53"/165.9 mm
- Height: 8.68"/220.5 mm
- Depth: 3.38"/85.9 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 .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
- 3.2 mil to 8.5 mil

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 width4.33"/110.0 mm

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