Zebra® iMZ220™ and iMZ320™ Printers

A choice of mobile platforms to take business where it needs to go!

Get the benefits and value associated with using today’s smartphone and tablet devices. The new iMZ™ printers now support Bluetooth® connectivity to Apple® iOS, as well as Android™, Windows® Mobile and BlackBerry® platforms. Print Touch™ simplifies Bluetooth pairing and launches Web-based help pages with Near Field Communication (NFC) — enabled devices to provide a trouble-free user experience. Regardless of your choice — a smartphone, tablet or handheld — Zebra’s new iMZ220 and iMZ320 printers are there to support your 2-inch and 3-inch receipt-printing business needs.

The iMZ printers support the most popular operating systems of today’s smartphones and tablets.

The printers also utilize Zebra’s Link-OS™ environment: an open platform that pairs an operating system for smart Zebra devices with powerful software apps. Using Profile Manager with AirWatch® Connector, you can quickly connect your printer with the AirWatch device-management system via WLAN. Utilize your current infrastructure with one tool for management of your mobile devices.

Building on this experience, you can create printing applications for the Apple, Windows®, Android, WinCE, WinMobile and BlackBerry platforms with the Link-OS Software Development Kit (SDK). Backed by a full range of Zebra software, it has never been easier to produce crisp, clear receipts — whatever the setting.

Ideal for These Applications

- Retail
  - Mobile point of sale
  - Line-busting
- Field Service
  - Field repair and installations
- Direct Store Delivery
  - Proof of delivery receipts
- Hospitality
  - Restaurant tableside receipts
  - On-board transportation ticketing
MEET THE IMZ SERIES

Each small iMZ printer can be a smart assistant for any mobile receipt-printing application where quick, simple receipts are needed on demand. These unobtrusive printers can be worn comfortably for a full shift without interfering with the user’s tasks. Easy to operate, they are a great first step for users looking to replace pen-and-paper documentation, preprinted receipts, or unreliable mobile printers. Mobile workforces all over the world can benefit from the iMZ series’ compact convenience in business applications — and because it’s a Zebra, there’s no compromise on reliability.

A Sidekick That Won’t Weigh You Down
• At ¾ of a pound (0.34 kg) or less, these lightweight printers can be worn a full shift without any burden or bother
• Comfortably wear the printer via belt clip or shoulder strap for unobtrusive and convenient printing

Simple to Operate
• Single push-button media access for simple reloading
• Intuitive LEDs indicate on/off, error, and connectivity status

Economical Alternative
• A simple, reliable and affordable printer alternative
• Each iMZ printer comes standard with USB and Bluetooth connectivity, allowing you to communicate with mobile devices running on iOS, Windows® Mobile, Android and BlackBerry operating systems

Palm-Sized Printing Power
• High-speed processor and extensive memory for printing complex barcodes, fonts and graphics
• iMZ printers now come with an 802.11n option with dual-band support (2.4 GHz–802.11b/g/n and 5 GHz–802.11a/n) for those overcrowded wireless networks in retail environments where business operations need communication at the less-crowded 5 GHz band
• Secure Bluetooth 2.0, 802.11a/b/g/n (optional) or USB (client) connectivity, Wi-Fi® and Cisco® CCX V4 ASD-certified

Genuine Zebra™ Supplies
Ensure high-quality, crisp images and text, and ensure that your receipt and documents remain readable and intact for their entire life, by choosing genuine Zebra supplies.
Zebra offers:
• Both in-stock and custom-made receipt paper.
• Materials that:
  » Are tested and approved by the Zebra Supplies Research and Development Department.
  » Meet your application’s durability, image quality and archival requirements, as well as your budget.
  » Can be custom pre-printed with your company logo, instructions, terms and conditions and other information, allowing you to maximize the functionality of your receipts and documents.

ZebraCare™ Services
Reduce the cost of printer downtime due to lost productivity and unbudgeted repair costs by selecting a ZebraCare Depot service agreement. ZebraCare service agreements allow you to:
• Plan and budget annual service needs.
• Reduce the soft costs associated with printers that are down and need repair, and increase uptime.
• Choose the service option right for your organization.
PRINT RECEIPTS ON DEMAND FOR A VARIETY OF APPLICATIONS

**Retail**
Reduce checkout time and lines at the register. Before customers reach the register, scan all their shopping-cart items; then use an iMZ printer to print a barcode receipt with the customer’s purchase total for presentation at checkout.

**Field Service**
With the iMZ printer, offer customers documentation of the quoted estimate for service, parts and warranty. When the work is finished, print a payment receipt to complete the service transaction.

**Hospitality**
Reduce lines and capture more sales: Accept mobile payment for concessions in the theme park, in the arena, at the tableside, or at other hospitality venues.

**Direct Store Delivery**
Use an iMZ series printer at the point of transaction to print a delivery receipt that confirms the actual quantities that transferred possession. Also print sales order confirmations for future deliveries.

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**AC Adapter**
This easy-to-use power adapter comes with each iMZ series printer. Simply plug the AC adapter into the printer and charge between uses!

**Protective Silicone Skins**
These optional silicone skins add a layer of protection and improve the handling of your iMZ series printer.

**iMZ Series 4-Bay Power Station**
Ideal for users who prefer to “dock and go.” At the end of your shift, simply slide the iMZ220 or iMZ320 printer into this power station to recharge it.

**Durability-Enhancing Case**
By adding an extra layer of protection with this nylon carrying case, your iMZ series printer will be well prepared for harsh conditions.

**Vehicle Adapter**
This cigarette-lighter adapter allows you to charge your iMZ series mobile printer from your vehicle.

**Shoulder Strap**
To keep hands free, an optional shoulder strap is available as an alternative to the belt clip.
### SPECIFICATIONS AT A GLANCE*

**Printer Name**
- iMZ220
- iMZ320

#### Standard Features
- Direct thermal printing of barcodes, text and graphics
- 203 dpi/8 dots per mm resolution
- Print speed: Up to 4.7″/102mm per second
- CPCL and ZPL+ programming languages
- Resident fixed and scalable fonts
- 400MHz 32-bit ARM® processor with 128 MB RAM memory
- 128 MB Flash memory supports downloadable programs, recepts formats, fonts, and graphics
- USB port
- 1.6Ah Li-Ion battery
- Built-in battery charger
- Optical out-of-media sensing using fixed center-position sensor
- Tear bar for easy receipt dispensing
- Supports vertical and horizontal printing
- Printer can be used in any orientation
- Fixed media-roll width
- Clamshell design for easy media loading
- Printer Management: Mirror, SNMP, Web server [with customizable HTML pages], Wavelink Avalanche® (Future firmware update)
- Four LEDs as user interface indicators
- 4/1.2m drop to concrete (multiple times)
- Label odometer
- Bluetooth 2.1
- Security modes 1-4
- Bluetooth printing from Apple devices (iOS5, iOS6)
- Bluetooth 2.1
- Labeling
- iMZ220: 3.0″ (±0.03″)/76.2mm (±0.76mm)
- iMZ320: 4.1″ (±0.03″)/104.4mm (±.76mm)
- Print speed:
  - iMZ220: Up to 4.7″/102mm per second
  - iMZ320: Up to 4.7″/102mm per second

#### Resolution
- 203dpi/ 8 dots per mm

#### Memory
- 128MB RAM; 128MB Flash (standard)

#### Print Width
- iMZ220: 1.9″/48.3mm
- iMZ320: 2.9″/73.7mm

#### Print Length
- Maximum: Continuous
- Speed: Up to 4″/102mm per second

#### Operating Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>iMZ220</th>
<th>iMZ320</th>
</tr>
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<tbody>
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#### Physical Characteristics

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<th>iMZ320</th>
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<tbody>
<tr>
<td>Width</td>
<td>3.18″/80.77mm</td>
<td>4.11″/104.4mm</td>
</tr>
<tr>
<td>Height</td>
<td>5.24″/128.0mm</td>
<td>5.24″/128.0mm</td>
</tr>
<tr>
<td>Depth</td>
<td>2.26″/57.4mm</td>
<td>2.26″/57.4mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.70 lbs/0.32kg with battery</td>
<td>0.75 lbs/0.34kg with battery</td>
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#### Printer Specifications
- **Resolution**
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- iMZ220: 1.9″/48.3mm
- iMZ320: 2.9″/73.7mm

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- Maximum: Continuous
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#### Operating Characteristics

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<th>Environment</th>
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<td>Storage Environment</td>
<td>Operating humidity: 10% — 90% non-condensing</td>
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#### Agency Approvals
- FCC Part 15 and EN 55022 Class B limits; FCC, IC, and European Standards for Bluetooth and 802.11a/b/g/n; TÜV and IEC 60950 standard for safety; NOM, C-Tick, VCCI, S-Mark, PSE, CCC, MI Bluetooth SIG-registered, CCX and Wi-Fi certified

#### Communication and Interface Capabilities
- 802.11a/b/g/n wireless LAN with support for:
  - WEP, TKIP, and AES encryption (802.1x)
  - EAP-FAST, EAP-TTLS, EAP-TLS, PEAP-LEAP
  - 802.11n (WPA2), 802.11d, 802.11h
  - 802.11n (optional): Wi-Fi (802.11n)-certified, Cisco CCX v4 ASD-certified
  - USB 2.0
  - Bluetooth 2.1 (includes Bluetooth support for iOS devices)
  - Android 2.3, 4.0, 4.1
  - iOS 5, iOS 6
  - Dual radio — 802.11a/b/g/n & Bluetooth 3.0 (coming soon)

#### Media Characteristics
- Max. Roll Size
  - 1.88″/47.8mm O.D. on a 0.4″/10.2mm to 0.75″/19mm I.D. core
- Max. Media Width
  - iMZ220: 2.0″/50.8mm (±.03″)
  - iMZ320: 3.0″/76.0mm (±.07mm)
- Thickness
  - 2mil/0.050mm to 4mil/0.1016mm
- Media Types
  - Direct thermal receipt paper, or UV-coated media. For optimum print quality and printer performance, use genuine Zebra supplies.

#### Fonts/Fonts and Character Sets
- **Fonts**
  - Standard fonts: 25 bitmapped, 1 smooth-scalable
  - International character sets/cd page supports: USA, Germany, France, Sweden, Spain, Norway, Italy, CN(50), UK, Latin 9, Chinese GB18030, Big 5 (Traditional), Japanese and Korean supported in 16x16 and 24x24. Thai and others upon request.
- **Character Sets**
  - BIG 5 (Traditional), Japanese and Korean are supported in 16x16 and 24x24. Thai and others upon request.

#### Graphics
- Supports user-defined fonts and graphics — including custom logos

#### Barcode Symbologies
- **Barcode ratios:** 1:5.1, 2:1, 2.5:1, 3:1, 3.5:1
- **Linear barcodes:** Codabar (NW-7), Code 39, Code 93, Code 128, EAN-8, EAN-13, 2 and 5 digit add-on, Interleaved 2-of-5, UPC-E, EAN 128, UPC-A, UPC-E, 2 and 5 digit add-on
- **Two-dimensional:** Aztec Code, Data Matrix, GS1 DataBar® (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TEC 39

#### Options and Accessories
- Bluetooth 2.1
- 802.11b/g/n
- Protective silicone skin
- Durability-enhancing case
- USB 2.0
- Shoulder strap
- IMZ series 4-bay power station
- Vehicle adapter

#### Optional features
- Linerless printing (with silicone platen roller only) through a Development Services Group request
- ZBI 2.x: Powerful programming language that lets printers run standalone applications, connect to peripherals, and much more

#### Software Solutions
- **Document Design**
  - Quickly design a customizable print solution using your business data and Zebra’s intuitive, plug-and-print design tools.
- **Device Integration**
  - Zebra offers apps and products designed to help you integrate Zebra devices into your existing systems.
- **Device Management**
  - Manage your print operations locally and globally with Zebra’s suite of device management tools.
- **Developer Tools**
  - Provides you the tools you need to create your own apps, including documentation, source code, programming languages, templates and more

#### Firmware
- ZPL II
- CPCL
- Zebra Unicode Solution
- ZBI 2.0 (optional)

#### Validation Testing
- The iMZ series printers have been tested with industry-leading applications to verify interoperability and improve overall optimization when with validated terminals. Zebra Independent Software Vendor (ISV) Partners create industry-leading software solutions to solve business problems. Zebra works closely with these ISVs to integrate printing and other capabilities of Zebra products.

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Latin America: Brazil, Florida (LA Headquarters in USA), Mexico
Middle East & Africa: Dubai, South Africa

*Specifications subject to change without notice.

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