ZEBRA

iMZ Series Mobile 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. Zebra's 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 iMZ220™ and iMZ320™ printers are there to support your 2-inch and 3-inch receipt and label* printing business needs.

iMZ220   iMZ320

In addition to supporting the most popular operating systems of today's smartphones and tablets, the iMZ printers' Link-OS® software solutions rapidly configure, monitor and integrate Zebra® printers with your system. 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 Apple, Windows®, Android, WinCE®, Windows Mobile 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 and labels* — whatever the setting.

*Please consult Zebra for type of labels supported.

Meet the iMZ Series

Each small iMZ printer can be a smart assistant for any mobile receipt or label* printing application where quick, simple receipts or labels* 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 printer, 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

An 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®-certified connectivity

Link-OS®   Android   Windows 8 Compatible   Made for iPod iPhone iPad   Wi Fi™   ZEBRA VALIDATED

For more information about iMZ Series Mobile Printers, visit www.zebra.com/imz or access our global contact directory at www.zebra.com/contact

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.

iMZ Series Accessories	
AC Adapter	**Protective Silicone Skins**
This easy-to-use power adapter comes with each iMZ Series printer. Simply plug the AC adapter into the printer and charge between uses!	These optional silicone skins add a layer of protection and improve the handling of your iMZ Series printer.
4-Bay Power Station	**Durability-enhancing Case**
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.	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	**Shoulder Strap**
This lighter adapter allows you to charge your iMZ Series mobile printer from your vehicle.	To add hands-free mobility, an optional shoulder strap is available as an alternative to the belt clip.

Genuine Zebra Supplies
Ensure high-quality, crisp images and text — and that your receipt, label* 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 and labels*.

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.

*Please consult Zebra for type of labels supported.

Zebra OneCare Services
Reduce the cost of printer downtime due to lost productivity and unbudgeted repair costs by selecting a Zebra OneCare service agreement.

Zebra OneCare 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 that is right for your organization.

iMZ Series Specifications

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"/102 mm per second
- CPCL and ZPL® programming languages
- Resident fixed and scalable fonts
- 400MHz 32-bit ARM® processor with 128 MB RAM
- 128 MB Flash (16 MB user available) supports downloadable programs, receipt formats, fonts and graphics
- USB port
- 1600 mAhr Li-Ion battery
- Built-in battery charger
- Optical out-of-media sensing using fixed center-position sensor
- Tear bar for easy receipt or label* 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®
- Four LEDs as user interface indicators
- 4'/1.2 m drop to concrete (multiple times)
- Label odometer
- Bluetooth 2.1
- Security modes 1 – 4
- Bluetooth printing from Apple devices (iOS 5, iOS 6, iOS 7)
- IP42-rated for dust and water resistance (IP54 with durability-enhancing case)
- Print Touch via NFC—One touch to pair and print via Bluetooth
- NTP (Network Time Protocol) support via Wi-Fi

PRINTER SPECIFICATIONS

Resolution	203 dpi/8 dots per mm
Memory	128 MB RAM; 256 MB Flash (standard)
Maximum Print Width	iMZ220: 1.9"/48 mm iMZ320: 2.9"/72 mm
Maximum Print Speed	Up to 4"/102 mm per second
Media Sensors	Black mark, bar sensor is for top side marks only
Print Length	Maximum: Continuous

MEDIA CHARACTERISTICS

Maximum Media Width	iMZ220: 2.0" (± 0.03")/50.8 mm (± 0.76 mm) iMZ320: 3.0" (± 0.03")/76.2 mm (± 0.76 mm)
Maximum Media Roll Size	1.88"/47.8 mm O.D. on a 0.4"/10.2 mm to 0.75"/19 mm I.D. core
Thickness	2 mil/0.0508 mm to 4 mil/0.1016 mm
Media Types	Direct thermal receipt paper or UV-coated media.

OPERATING CHARACTERISTICS

Environment	Operating Temperature: 14ºF to 122ºF/-10ºC to 50ºC Operating Humidity: 10% to 90% non-condensing Storage Temperature: -4ºF to 140ºF/-20ºC to 60ºC

OPERATING CHARACTERISTICS (continued)

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, MII Bluetooth SIG-registered and Wi-Fi certified

PHYSICAL CHARACTERISTICS

	iMZ220	iMZ320
Length	2.26"/57.4 mm	2.26"/57.4 mm
Width	3.18"/80.77 mm	4.11"/104.4 mm
Height	5.34"/135.6 mm	5.34"/135.6 mm
Weight (w/battery)	0.70 lbs/0.32 kg	0.75 lbs/0.34 kg

COMMUNICATION AND INTERFACE CAPABILITIES

ZebraNet 802.11a/b/g/n radio with support for:
- WEP, TKIP and AES encryption
- WPA and WPA2
- 802.1x (with WEP, WPA or WPA2)
  – EAP-FAST, EAP-TTLS, EAP-TLS, PEAP, LEAP
- 802.11d and 802.11i
- Simultaneous Bluetooth 3.0 dual radio
- Wi-Fi Certification
- Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption
- Support for Ad Hoc mode

USB 2.0

Bluetooth 2.1 (includes Bluetooth support for iOS devices)

Windows compatibility: (CE .NET, Pocket PC, Windows Mobile 2002, Windows Mobile 2003 SE, Windows XP, 2000 and NT via Zebra Windows printer driver and / or our Mobile SDK controls and other applications)

Android 2.3, 4.0, 4.1

iOS 5, iOS 6, iOS 7

Dual radio — 802.11a/b/g/n & Bluetooth 3.0

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. Zebra-validated applications can be found at www.zebra.com/validation.

SOFTWARE TOOLS

Link-OS Solutions

Document Design — Quickly design a customized 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

iMZ printers support CPCL and ZPL programming languages. The ZPL programming language ensures full compatibility with many other Zebra printers. See Technical Specification for more details.

*Please consult Zebra for type of labels supported.

Ideal for These Applications

Manufacturing
- Field sales
- Field service
- Direct store delivery
- Proof of delivery

Retail
- Quick and efficient checkout
- Customer experience

Transportation and Logistics
- Direct store delivery
- Fleet management and maintenance
- Proof of pickup and delivery
- Ticketing
- In-cabin services

iMZ Series Specifications

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, UCC/EAN 128, UPC-A, UPC-E, 2 and 5 digit add-on

2D Barcodes: Aztec Code, Data Matrix, GS1/DataBar™ (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39

FONTS AND GRAPHICS

Standard fonts: 25 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed)

Optional fonts: Downloadable bitmapped and scalable fonts

International character sets/code pages supported: USA, Germany, France, Sweden, Spain, Norway, Italy, CP850, UK, (Latin 9), Chinese GB18030, BIG 5 (Traditional), Japanese and Korean supported in 16 x 16 and 24 x 24. Thai and others upon request

Supports user-defined fonts and graphics — including custom logos

*Contains UFST® from Agfa Monotype Corporation.

OPTIONS AND ACCESSORIES

Bluetooth 2.1

802.11a/b/g/n

Protective silicone skin

Durability-enhancing case (IP54 rating when using the case)

Shoulder strap

iMZ series 4-bay power station

Vehicle adapter

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

PRODUCT WARRANTY

The iMZ Series is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty.

RECOMMENDED SERVICES

The Zebra OneCare Service portfolio of Essential, Select and Premier maximizes the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare.

For optimum print quality and printer performance, use genuine Zebra supplies.

Specifications subject to change without notice.

᠅ ZEBRA

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