

Zebra® ZXP Series 8™ Retransfer Card Printer



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Innovative, best-in-class retransfer card printer

With best-in-class, productivity-boosting, full-throttle throughput, produce vivid color plastic cards on demand fast – thanks to Zebra’s highly advanced ZXP Series 8 retransfer card printer and its patent-pending image-transfer process. Yet even at unparalleled print speeds, the printer achieves superior, photo-like image quality

that boasts rich, consistent colours and strikingly sharp resolution.

The ZXP Series 8 printer includes ZMotif™ XML-based software for easy integration with enterprise applications. A modular design gives you the flexibility to add a variety of encoding options as needed.

Ideal for:

- ID and access-control cards
- Government-issued driver’s licences
- National ID and voter registration cards
- Instant issuance of financial cards
- Personalised gift, membership and loyalty cards
- Smart cards in travel, gaming and entertainment

INNOVATIVE, FAST AND FLEXIBLE RETRANSFER PRINTER

With fast speeds and a modular design, the printer is ideal for applications requiring a high-quality image, high security or printing on an uneven card.

Superior performance

- Best-in-class throughput for printing, encoding and laminating – due in part to the patent-pending simultaneous two-sided retransfer process plus efficient landscape print mode – increases your operational efficiency without sacrificing quality
- Based on Zebra's image-processing technology, photo-quality colour and resolution are obtained to meet your quality and brand specifications
- Designed inside and out to be reliable and durable – reducing repair costs and downtime

Easy printer integration and management

- ZMotif XML-based drivers and SDK make the printer enterprise-ready, with driver and management utility tools for easy setup and faster deployment, saving IT time and costs
- Microsoft® Windows®-certified drivers ensure application compatibility, ease of use and investment protection in existing software infrastructures
- USB and Ethernet connectivity interfaces are standard for easy integration into local or networked systems

Modular design with order-now or add-later options

- Magnetic-stripe encoder
- Smart-card contact and contactless encoders
- Single- or dual-sided lamination
- 802.11b/g wireless connectivity
- Lockable enclosure and card feeder (mechanical with two keys)
- Card input hopper to easily swap out card types

Security features

- Laminator module option for single- or dual-sided lamination
- Transfer film easily shows tamper evidence for built-in fraud protection
- Lockable enclosure and card-feeder option prevents unauthorised use
- Kensington® lock slot to secure printer to work environment
- K-panel ribbon-destruct feature

Genuine Zebra supplies

- Zebra True Colours® i Series™ intelligent ribbon and transfer film automatically calibrate printer – increasing productivity, reducing downtime and minimising training
- Zebra's True Secure™ i Series laminates create highly secure ID cards, and the patented linerless laminate is waste-free and lowers the cost per card
- Choose Zebra for quality plastic cards in a variety of types and materials
- For high-quality output, rely on Zebra ribbons, transfer film and laminate consumables
- Use Zebra custom design services to create a unique laminate hologram for enhanced security



Genuine Zebra supplies

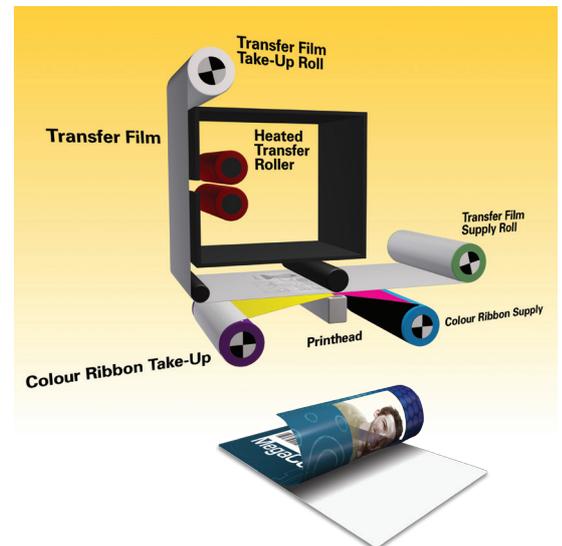
Genuine Zebra supplies meet stringent quality standards and are recommended for optimal printing quality and proper printer performance. The ZXP Series 8 printer is designed to work only with Zebra True Colours i Series ribbons, Zebra True Colours i Series transfer film and Zebra True Secure i Series laminates.

For more information, visit www.zebra.com/zxpseries8

ABOUT RETRANSFER PRINTING TECHNOLOGY

Unlike traditional direct-to-card printers, which use a printhead that prints through a ribbon directly onto the card, retransfer printers print onto a flexible, transparent film that is then thermally bonded to the card. In general, benefits of retransfer printing include:

- Higher image quality and print resolution
- The ability to print on uneven card surfaces such as smart cards
- True edge-to-edge printing (via over-the-edge printing). Traditional card printers leave a white border at the edges of the card
- The ability to print on both PVC and non-PVC cards. Direct-to-card printers require a dye-receiving surface available only with PVC cards
- More durable and abrasion-resistant cards
- Fraud protection, since the film is inherently tamper-evident



Advantages of Zebra's innovative retransfer card printer

Zebra's ZXP Series 8 printer achieves the fastest print speed while maintaining top image quality, making it the best-in-class retransfer printer available on the market.

- Zebra achieves print speeds that far exceed any other retransfer printer, and that are comparable to many of the fastest direct-to-card printers on the market today
- Zebra's image-processing technology compensates for image errors normally caused by high printing

speeds, enabling photo-quality images and print resolution even at increased print speeds

- Zebra's patent-pending simultaneous dual-sided image-transfer process applies film to both sides of the card in a single pass, drastically reducing the print time

The result is photo-like image quality and best-in-class throughput for mainstream printing, encoding and lamination – so you enjoy increased operational efficiency.

Innovative hardware matched with innovative software

The Zebra Series 8 printer is based on leading-edge software technology that enables high-performance printing and meets demanding enterprise needs for application integration and management.

ZMotif, Zebra's XML standards-based printer and job-control

software platform, delivers the benefits of card printing transparently via Windows-certified drivers, along with an advanced Software Development Kit (SDK) and development tools for application integration and printer management.

The ZXP toolbox application provides a complete management console for advanced printer

and driver configuration and management. Features such as user-role-based driver password protection, configuration save and restore capability, print logging, and a library suite of test cards, ensure that setup and management of ZXP Series 8 printers are really straightforward, whether by a single user or via advanced multiple-printer configurations management.

ZebraCare™ Services

Increase printer uptime and reduce lost productivity and unbudgeted repair costs by selecting a ZebraCare service agreement. A cost-effective means of planning and budgeting for your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

Zebra CardStudio™ software

Zebra's CardStudio software makes designing and printing professional-looking cards easy. With CardStudio software, you can make the most of all the ZXP Series 8's functionality, including smart-card encoding and lamination.

For more information, visit www.zebra.com/cardstudio

SPECIFICATIONS AT A GLANCE*

Printing

- Dye sublimation retransfer
- Full-colour or monochrome retransfer printing
- Single- and dual-sided printing
- Max. print speed single-sided 190 cph[†]
- Max. print speed dual-sided 180 cph[†]
- Photo-quality image
- Over-the-edge printing on standard CR-80 media

[†] Print speed based on click to drop, average print coverage, with USB connectivity, cards per hour (cph).

Standard features

- USB and Ethernet connectivity
- Single-card feed and eject capability
- 150-card-capacity feeder 0.762mm (30 mil)
- 15-card reject hopper 0.762mm (30 mil)
- 100-card output hopper 0.762mm (30 mil)
- i Series intelligent media technology
- Auto-calibration of media
- 21-character, six-line LCD operator display
- 304dpi (12.0 dots/mm) print resolution
- 64MB memory standard
- Lifetime warranty on printhead
- Two-year limited warranty on printer
- Microsoft Windows-certified drivers
- Kensington physical-lock-capable

Options and accessories

- Laminator – single-sided and dual-sided
- Lockable enclosure/card feeder
- ZebraCare warranty programmes
- 802.11b/g wireless connectivity
- Card input hopper (150 cards, 0.762/30 mil)

Encoding options & specifications

- Smart-card contact station – ISO 7816
- Magnetic-stripe encoder – ISO 7811 and JIS II LoCo – JIS X6301/6302
- Combined MIFARE® ISO 14443 (13.56MHz) and ISO 7816 contact encoder
- EMV® level 1-certified
- UHF Gen 2 RFID encoder**
- FeliCa® contactless encoder**
- Encoding over Ethernet – requires ZBR-PS300 Ethernet-to-USB device server

**Coming soon

Laminator specifications

- Single- or dual-sided lamination option (with dual-sided printer only)
- 180 cards per hour dual-sided printing and dual-sided lamination
- GSA FIPS 2010-approved (dual-sided lamination)
- Uses Zebra True Secure i Series laminates only
- Laminate for the top and bottom sold separately
- Custom-coded laminates available

ZMotif software

- Microsoft Windows-certified printer drivers supported: Windows XP, Windows Vista®, Windows Server® 2003, Windows Server 2008, Windows 7
- 32-bit and 64-bit-compatible

Driver features

- Graphical card orientation setting to visualise card printing setup and configuration
- Card source and card type selection
- Complete graphical control over area and element selection of black extraction parameters
- Auto-sensing of ribbon type, laminator and smart-card encoding options
- K-panel destruction

Toolbox utility features

- Printer configuration tools and utilities for complete control over all printer functions and features
- Optional password-protection settings and user-role-based security settings prevent accidental or unauthorised driver or printer configuration changes
- Complete technology card management enables setup and testing of all printer and encoder features and functionality
- Printer test cards and diagnostics utilities ensure error-free printing and fast troubleshooting capabilities

XML-based SDK

- Downloadable SDK for custom applications
- XML-based SDK enables third parties to quickly add advanced print and encoding features
- Capabilities include direct access to PC/SC smart-card encoder driver and XML-based job control print job specifications
- Support for complete UV printer and inhibit panel support

Supplies

- Zebra i Series intelligent technology uses RFID tags to authenticate and automate colour ribbons, transfer film and laminate
- Media starter kit – 1 YMCK ribbon, 1 roll of transfer film, 200 PVC cards, 2 cleaning rollers (kit not sold separately)
- Cleaning supplies

True Colours i Series ribbon

- YMCK four-panel: 625 images/roll
- YMCKK five-panel: 500 images/roll
- YMCUVK five-panel: 500 images/roll
- YMCKI five-panel: 500 images/roll
- YMCKKI six-panel: 415 images/roll
- YMC three-panel: 800 images/roll
- Monochrome black: 2,500 images/roll

True Colours i Series transfer film

- Clear and holographic: 1,250 single-sided/625 dual-sided cards/roll

True Secure i Series laminate

- Linerless & waste-free 0.0254mm (1 mil) top and bottom laminate: 625 images/roll
- Laminate types: clear top, clear bottom, magnetic stripe, signature, smart card and holographic wallpaper designs
- Custom laminates available with holographic images
- Custom-coded laminates available

Card specifications

- Card thickness: 0.762mm–1.016mm (30–40 mil)
- Card size: ISO 7810 format, Type ID-1, CR-80
- Card material: PVC and composite, ABS cards, PET, PET-G and Teslin® composite***
- Technology cards: contact and contactless smart cards, UHF cards***

***Please contact your Zebra reseller for qualification of cards

Communications interfaces

- USB V2.0
- 10/100 Ethernet (encoding over Ethernet requires ZBR-PS-300 Ethernet-to-USB device server)
- 802.11b/g wireless connectivity option (includes USB and Ethernet)

Electrical

- Single-phase AC power
- 100V~240V AC and 50–60Hz

Physical

Printer

- Height (w/card hoppers): 334mm/13.2"
- Width (w/card hoppers): 476mm/18.75"
- Width (w/card hoppers, w/laminator): 781mm/30.75"
- Depth: 519mm/20.4"
- Weight (printer only): 12.5kg/27.5lbs
- Weight (printer, laminator): 20kg/44lbs

Environmental

- Operating temperature: 15°C/59°F to 35°C/95°F
- Storage temperature: -5°C/23°F to 55°C/131°F
- Operating humidity: 20% to 80% inclusive, non-condensing
- Storage humidity: 10% to 90% inclusive, non-condensing
- Shipping temperature: -40°C/40°F to 60°C/140°F
- Shipping humidity: 10% to 90% inclusive, non-condensing
- Media should not be above 60°C/140°F for longer than 200 hours, and above 90% relative humidity at 40°C/104°F for longer than 100 hours

NOTE: For optimum print quality and printer performance, use of Zebra genuine supplies is recommended.

*Specifications subject to change without notice.

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