

THE QUICKEST WAY TO IMPROVE YOUR IMAGE



It only takes a moment to start looking good to your customers. Our super-fast, photo-quality ZXP Series 8™ card printers give you fantastic results in seconds. Whether you're printing loyalty cards, ID cards or any other type of card, you'll get fast, edge-to-edge, full-colour printing on both sides.

And these printers take the rough just as well as the smooth – giving you a great finish even on smart cards or recycled cards. So, for the best-looking results, whatever the surface, look no further than Zebra.



**THE NEW
ZXP SERIES 8
FROM ZEBRA**



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Zebra® ZXP Series 8™ retransfer card printer



Zebra's first retransfer card printer

The ZXP Series 8 retransfer printer delivers photo-quality card printing at impressive speeds.

Inspired by Zebra's photo-printer technology, the ZXP Series 8 printer uses advanced image-processing algorithms to achieve vivid colours and sharp resolution. Combined with the landscape printing mode, the simultaneous dual-sided retransfer printing process ensures high-quality output at record speed.

In addition, the ZXP Series 8 printer includes Zebra's ZMotif™ software development kit, enabling easy integration with a range of enterprise applications.



Ideal for:

- ID and access control cards
- Government-issued drivers' licences
- National ID and voter-registration cards
- People-tracking in high-security areas
- Instant issuance of ATM/credit/smart cards
- Personalised gift, membership and loyalty cards
- Smart cards in travel, gaming and entertainment

Genuine Zebra supplies

Genuine Zebra supplies meet stringent quality standards and are tested for optimum performance with Zebra card printers.

- Choose Zebra for quality plastic cards in a variety of types and materials
- For high-quality prints, rely on Zebra's ribbons, transfer film and laminates

▶ For more information, visit www.zebracard.com



Specifications at a glance*

Printing

- Dye sublimation retransfer
- Full-colour or monochrome retransfer printing
- Single- and double-sided printing
- Max. print speed single-sided: 190 cards/hour
- Max. print speed double-sided: 170 cards/hour
- Photo-quality image
- Over-the-edge printing on standard CR-80 media

NOTE: Print speed based on click to drop, average print coverage with USB connectivity, cards per hour.

Standard features

- Microsoft® Windows®-certified drivers
- USB and Ethernet-ready (firmware pending**) connectivity
- CardSense™ single-card-feed capability
- 150-card capacity feeder (30 mil/0.762mm)
- 15-card reject hopper (30 mil/0.762mm)
- 100-card output hopper (30 mil/0.762mm)
- i Series™ intelligent media technology
- Auto-calibration of media
- 21-character, six-line LCD text operator display
- 304dpi (12 dots/mm) print resolution
- 64MB memory as standard
- Lifetime warranty on printhead
- Two-year unlimited warranty on printer

Optional features

- Single- and double-sided laminator**
- Lockable enclosure and card feeder
- Extended product warranty programmes
- 1GB Ethernet and 802.11b/g wireless connectivity**

Encoding options and specifications

- Smart-card contact station – ISO 7816
- Magnetic-stripe encoder – ISO 7811 and JIS-II high and low coercivity
- Combined Mifare® ISO 14443 (13.56 MHz) and ISO 7816 contact encoder
- Combined ISO 15693 HID® iClass® (13.56MHz) and ISO 7816 contact encoder**
- Combined HID Prox reader (125 kHz) and contact encoder**
- UHF Gen 2 RFID encoder**

ZMotif software

Microsoft Windows-certified printer drivers supported: Windows XP***, Windows Vista****, Windows Server® 2003***

Driver features:

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

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:

- XML-based SDK enables third parties to quickly add advanced print and encoding features to the ZXP printer
- Capabilities include direct access to PC/SC smart card encoder driver and XML-based job control print job specifications

Supplies specifications

- 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, cleaning rolls (2 per ribbon)
- Cleaning supplies

True Colours® ribbon

- YMCK four-panel colour with resin black: 625 cards/roll
- YMC three-panel colour: 825 cards/roll**
- YMCKK five-panel colour: 500 cards/roll
- Monochrome (black, gold, silver): 2500 cards/roll**
- YMCUVK five-panel colour: 500 cards/roll**

True Colours transfer film

- Clear: 1250 cards/roll
- Holographic: 1250 cards/roll**

True Secure™ laminate

- Linerless and waste-free 1.0 mil (0.0254mm) laminate: 625 cards/roll
- Laminate types: clear full coverage, clear for magnetic-stripe cards**, clear for contact smart cards**
- Custom laminates available with holographic images and UV images**

Card specifications

- Card thickness: 30–40 mil (0.762–1.016mm)
- Card size: ISO 7810 format, Type ID-1, CR-80 size
- Card material: PVC and composite, ABS cards, PET, PET-G, Teslin® composite and polycarbonate (30–40 mil, 0.762–1.016mm)
- Speciality cards: transparent (IR-blocked) or translucent card 30 mil/0.762mm (clear and coloured)
- Technology cards: contact and contactless smart cards, UHF cards

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

Communications interfaces

- USB 2.0
- 10/100 Ethernet-ready

Electrical

- Single-phase AC power
- 90–264VAC RMS and 47–63Hz (50–60Hz nominal)

Physical

Printer

- Height (printer only): 303mm/11.9"
- Height (with card feeder): 334mm/13.2"
- Width: 356mm/14"
- Width (with card feeder): 379mm/14.9"
- Width (with card feeder, with laminator): 656mm/25.8"
- Depth: 519mm/20.4"
- Weight (printer only): 12.5kg/27.5lb

Environmental

- Operating temperature*: 15°C /59°F to 25°C/77°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, nor above 90% relative humidity at 40°C/104°F for longer than 100 hours

*Specifications subject to change without notice. Please refer to www.zebra.com for the latest specification information. ** Available in future release. ***32-bit and 64-bit-compatible. ©2009 ZIH Corp. CardSense, i Series, True Secure, ZMotif and all product names and numbers are Zebra trademarks, and Zebra, representation of Zebra Head and True Colours are registered trademarks of ZIH Corp. All rights reserved. Microsoft, Windows, Windows Server and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Mifare is a registered trademark of Philips Semiconductors Gratkorn GmbH Ltd. Teslin is a registered trademark of PPG Industries. HID and iClass are registered trademarks of HID Global Corporation. All other trademarks are the property of their respective owners.



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