Zebra® Security card printers

Secure ID-card printing starts here

Zebra P630i™ printer

The P630i printer's dual-sided printing and single-sided lamination provide the maximum amount of flexibility in protecting driving licences, national healthcare cards and other secure ID cards. The optional ID/Key prevents unauthorised printer use, while the ID/Log driver utility builds a customisable card-transactions record in the printer's host computer for added security.

Zebra P640i™ printer

The P640i printer's dual-sided printing and one-pass dual-sided lamination provide the maximum amount of flexibility. The P640i printer has all the security features of the P630i printer, plus its patented linerless lamination dramatically reduces the cost of laminate material and is waste-free.

With high throughput and superior print quality, the Zebra security card-printer range is the right choice for issuing durable and highly secure ID cards.

Key features

- Single or double-sided printing
- Single- or double-sided lamination
- Full-colour or monochrome
- Magnetic encoding
- Smart-card encoding
- Ethernet connectivity
- ID/Key for added security

Ideal for:

- Driving licences
- Government and national ID cards
- High-security access-control ID cards
- Law-enforcement and correctional facility ID cards
- Airport ID cards
- Applications requiring long-lasting secure tamper-evident ID

Achieve highest level of card security with genuine Zebra supplies True Secure™ laminates

Zebra's True Secure laminates are designed to combat card counterfeiting, alteration and duplication.

- Features include unique holographic images, optical variable ink, hidden imagery/laser-retrievable images, fine-line printing, morphing, 2-D/3-D holography and more

▶ **For more information, visit www.zebracard.com**

Specifications at a glance*

Standard features

- Dual-sided colour printing
- One-pass single-sided lamination
- (waste-free) (P630i)
- One-pass dual-sided lamination (waste-free) (P640i)
- Micro-positioning card transport system for enhanced colour photos
- Covert text printing capability (approx. 0.4318mm (17 mil) high)
- Automated card cleaning before printing
- Windows® drivers for Windows® 2000, Windows® Server 2003, Windows® XP, Works with Windows Vista® certified
- One-year printer warranty
- One-year printhead warranty (unlimited passes)

Printing specifications

- Colour dye sublimation and resin K
- 120 cards** per hour dual-sided printing, single-sided laminating (YMCK ribbon both sides, 0.0254mm (1.0 mil) laminate one side)(P630i)
- 120 cards per hour dual-sided printing and laminating (YMCK ribbon both sides, 1.0 mil laminate both sides) (P640i)
- 11.8 dots/mm (300 dpi) print resolution

** Print speed based on average print coverage per card

Ribbon specifications

- YMCK: 600 cards/roll
- YMCKK: 500 cards/roll
- YMCUvK: 500 cards/roll
- Monochrome black: 3000 images/roll
- Cleaning cartridge: cleans 3,000+ cards

Lamination specifications**

- Linerless & waste-free 0.0254mm (1.0 mil) laminate, 600 cards/roll
- Laminate cassette (upper only)
- Laminate cassettes (upper and lower) (P640i)

Laminates available:
- Clear full-size, clear for magnetic-stripe cards and clear for smart cards

Custom laminates available upon request:
- Holographic images
- UV images

Card specifications

- Types: PVC composite
- Card width/length: ISO CR-80 – ISO 7810 54mm (2.12") x 86mm (3.38")
- HiCo Magnetic Stripe – ISO 7811
- Contact Smart Card – ISO 7816-compliant
- Contactless smart card – Mifare®/DESFire®
- Card thickness: 0.6858mm to 0.8382mm (27 mil to 33 mil)
- Card input hopper capacity: 150 cards

Operating characteristics

Environmental
- Operating temperature: 10°C to 35°C (50°F to 95°F)
- Operating humidity: 20% to 80% non-condensing
- Storage temperature: -20°C to 70°C (-4°F to 158°F)
- Storage humidity: 5% to 90% non-condensing
- Ventilation: Free air

Electrical
- 110 to 220VAC, 50–60Hz

Agency approvals
- FCC Class A, UL-, CUL- & CE-approved

Physical characteristics

Width:
- 699mm (27.5") not including exit hopper

Depth:
- 246mm (9.7")

Height:
- 292mm (11.5")

Weight:
- 15.9kg (35lb)

Options

- ID/Key security-printing feature
- Magnetic encoder, three-track (0.762mm (30 mil) cards only, HiCo only)
- Smart-card contact station
- Smart-card contact-ISO 7816 encoder/reader
- Built-in Ethernet for networking capability
- Linear-barcode scanner

Bar codes

- Bar codes and other symbologies available via Windows driver

Fonts

- True Type™ or other type fonts via Windows driver

Communications and interface capabilities

- USB 1.1 (Standard, USB 2.0-compatible)
- Factory-installed options
  - Built-in 10/100 Ethernet
  - Bi-directional parallel with ECP support (minimum order required)

Genuine Zebra supplies

- Your choice of card printer supplies is critical. It is a primary factor affecting the reliability and consistency of printing. Genuine Zebra supplies meet stringent quality standards and are tested for optimum performance with Zebra card printers

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Thinking about improving your business with on-demand printing solutions?

Zebra helps companies identify, locate and track assets, transactions and people with on-demand specialist digital-printing and automatic-identification solutions in more than 100 countries around the world.

▶ **To find out how your business could benefit from a Zebra solution, please visit www.zebra.com, call +44 (0)1628 556 000 or e-mail mseurope@zebra.com**

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