

# PERFORMANCE

## P430i Card Printer



### Key Features

- » 28 Seconds/Card Full Color Print Speed (single-sided)
- » single-sided or dual-sided monochrome or full color printing
- » 16-character LCD display
- » One-cable solution to print and encode smart cards - Zebra exclusive!
- » USB or 10/100 Mbps Ethernet (optional)
- » 100 card capacity feeder (220 cards high capacity feeder option)
- » *i* Series Printers require the use of TrueColours™ *i* Series ribbons for full color printing

*i*series



Card  
Printer  
Solutions  
Zebra

### Performance, Reliability and Expandability in a Dual-sided Card Printer

The Zebra P430*i* is part of the latest generation of Zebra's most popular card printer family. Designed and built for demanding environments, the P430*i* delivers reliability and performance for high-volume card production.

Use the P430*i* card printer for:

- » Student and Employee ID cards
- » Access control cards
- » Customer cards and Gift cards

### The new Zebra P430*i*

#### Innovative and Easy-to-Use:

Printhead bracket opens wide, granting easy access to the ribbon. Due to the translucent card cover you can see when supplies are running low, and blank cards can be added while printing.

Only the Zebra P430*i* uses a one-cable solution to print and encode smart cards.

#### Reliable and Flexible:

A revolutionary angled card feeder design means fewer rejected cards. The innovative self-aligning printhead design allows consistently uniform printing quality.

#### Encoding Expansion Options:

In addition to 3 track magnetic stripe encoding (HiCo/LoCo) the P430*i* also has contact and contactless smart card encoding capabilities.

#### *i* Series-Functionality:

The P430*i* has automatic color optimisation and driver configuration, enhanced ribbon formulation for optimal color output and ribbon image counter and ribbon low notification.



# P430i Product Specifications



## General Specifications

- » 16-character LCD display
- » Windows drivers for 2000 and XP
- » Bi-directional driver communication
- » Two year printer warranty
- » Two year (unlimited passes) printhead warranty

## Printing

- » Color dye sublimation or monochrome thermal transfer printing
- » 102 cards per hour full colour dual-sided (YMCKOK)
- » 130 cards per hour full colour single-sided (YMCKOK)
- » 300 dpi (11.8 dots/mm) print resolution

## Bar Codes

- » Code 39, Code 128 B & C with & without check digit
- » 2 of 5 & 2 of 5 Interleaved
- » UPC-A, EAN 8 & EAN 13
- » PDF-417 2D bar code and other symbologies can be printed via Windows drivers

## Card Specifications

- » Types: PVC, PVC Composite, Adhesive backed
- » Card width/length: ISO CR-80-ISO 7810, 2.12" (54mm) x 3.38" (86mm)
- » Magnetic Stripe-ISO 7811
- » Smart Card contact and contactless
- » Card thickness: 10 mil (.25mm) to 60 mil (1.524mm)
- » Card feeder capacity: 100 cards or 220 cards (30 mil)
- » Card output hopper capacity: 100 cards (30 mil)


## Communications Interface

- » USB 1.1 (USB 2.0 compatible) cable included
- » Optional Built-in 10/100 Mbps Ethernet



Software drivers for the Zebra P430i Card Printer have been tested to ensure that they meet Microsoft standards for Windows compatibility. Microsoft, Windows and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

## Ribbon Specifications

- » i Series Printers require the use of  i-Series ribbons for full color printing
- » YMCKOK: 170 cards/roll
- » YMCKO: 200 & 330 cards/roll
- » 1/2 panel YMC Full KO: 450 cards/roll
- » KdO: 500 cards/roll
- » KrO: 500 cards/roll
- » Overlay varnishes: Clear and Hologram: 350 cards/roll
- » Monochrome: 1500 (Black) & 1000 cards/roll
- » Monochrome colors: black, red, blue, green, silver, gold white & scratch-off grey.

## Mechanical

- » Width: 26 in (660 mm) » Depth: 9.4 in (239 mm)
- » Height: 10.1 in (256 mm) » Weight: 20 lbs (9,1kg)

## Electrical

- » 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- » 4 MB image memory standard
- » FCC Class A, CE, UL, CUL and CCC approved

## Environmental

- » Operating Temperature: 60°F to 86°F (15°C to 30°C)
- » Operating Humidity: 20% to 65% non-condensing
- » Storage Temperature: 23°F to 158°F (-5°C to 70°C)
- » Storage Humidity: 20% to 70% non-condensing
- » Ventilation: Free air

## Options

- » Built-in 10/100 Mbps Ethernet
- » Smart card contact -ISO 7816 encoder (30 mil cards only)
- » Smart card MIFARE/DESFire and HID iClass encoder (30 mil cards only)-ISO 7816 encoder (30 mil cards only)
- » Magnetic encoder (30 mil cards only) 3 track HiCo/LoCo
- » High capacity feeder (220 cards)
- » Cleaning supplies

\* for optimum printer performance use Genuine Zebra Supplies