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ZXP Series 3™ Card Printer Specifications

Specifications are provided for reference and are based on printer tests using Zebra brand consumables. Results may vary in actual application settings or when using other than recommended Zebra supplies. Zebra recommends always qualifying any application with thorough testing.

Printing Specifications

- Dye-sublimation thermal transfer direct to card
- Full color or monochrome printing
- Single- and dual-sided printing
- 700 cph monochrome single-sided
- 180 cph single-sided YMCKO
- 140 cph dual-sided YMCKOK
- Edge-to-edge printing on standard CR-80 media

Standard Features

- True Colours® ix Series™ ZXP 3 high-performance ribbons with intelligent media technology
- High capacity, Eco-Friendly Load-N-Go™ drop-in ribbon cartridges
- ZRaster™ host-based image processing
- Auto calibration of ribbon
- USB connectivity
- Microsoft Certified Windows drivers
- Energy Star Certified
- Print Touch NFC tag for online Printer documentation access
- 100 card covered feeder (30 mil)
- 45 card capacity output hopper (30 mil)
- 16-character LCD operator control display
- 300 dpi (11.8 dots/mm) print resolution
- Two-year warranty on printer
- Two-year (unlimited passes) original printhead
- One-year hot swap (U.S. only)
- Secure lock slot

Printing Throughput

Printing throughput (cards per hour) based on click to drop printing, average print coverage, with USB connectivity. Times may vary depending on the computer and other configurations.

- 700 cph monochrome single-sided
- 180 cph single-sided YMCKO
- 140 cards per hour dual-sided YMCKOK

Encoding Options and Specifications

- Magnetic stripe encoder – ISO 7811 (new and re-encoded, tracks 1,2, and 3, high and low coercivity, stripe down, 30 mil card only)
- *Smart card contact station ISO 7816
- *Combined MIFARE® ISO 14443 (13.56 MHz) and ISO 7816 Contact Encoder Specifications –
- PC/SC and EMV level 1 certified (50 card capacity [30 mil] external output hopper)
- Encoding over USB and Ethernet

Optional Features

- *Built-in 10/100 Ethernet connectivity
- *CardSense™ single-card feed mode
- ZebraCare™ extended product warranty programs
- *Lockable enclosure with obscure output bin

Communications Interfaces

- USB V2.0 (cable included) - standard
- *Built-in 10/100 Ethernet - optional

Card Compatibility

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

- Card Thickness: 10-40 mil
- Card Size: CR-80, ISO 7810 format, Type ID-1, 2.12" (54 mm) x 3.38" (86 mm)
- Card Material: PVC and PVC composite
- Smart Card Contact – ISO 7816-1,2,3,4
- Smart Card Contactless MIFARE® ISO 14443A/B
- Spot Color or monochrome print only on < 20 mil card thickness

**Field upgradeable options*

Supplies Specifications

NOTE: The ZXP Series 3 printer is designed to work only with Zebra True Colours ix Series ZXP 3 high-performance ribbons.

- Zebra ix Series intelligent technology automatically detects and authenticates ribbon.
- Integrated cleaning roller included on each ribbon.
- Media Starter Kit (single-sided)- 1 YMCKO ribbon, 200 30-mil PVC cards,
- Cleaning Kit: 4 print engine cleaning cards and 4 feeder cleaning cards, 1000 images

True Colours ix Series ZXP 3 Ribbon Options

Ribbon Description	Current Cartridge Image Count	New High Capacity Eco Cartridge Image Count (1)
YMCKO	200	280
1/2 YMCKO	250	400
YMCKOK	265	230
KdO	500	700
KrO	500	700
Black Monochrome	1000	2000
Red Monochrome	1000	1700
Blue Monochrome	1000	1700
Gold Monochrome	1000	1600
Silver Monochrome	1000	1600
White Monochrome	850	1400

Preventative Maintenance

Zebra recommends cleaning the printer on a regular basis using standard Zebra cleaning supplies and parts. Consult the User's Guide for further details.

Drivers Supported

Microsoft Windows Certified Printer Drivers:

Windows XP, Vista, Server 2003, Server 2008, Windows 7 (32-bit and 64-bit compatible), Windows 8 (32-bit and 64-bit compatible)
Please see zebra.com for up to-date listing of supported systems.

- (1) Requires Firmware Release 2.0 or greater

Physical Specifications (standard model)

Printer	
Height	9.3" (236 mm)
Width	7.9" (200 mm)
Depth	14.5" (368 mm)
Weight	11.6 lbs (5.3 kg)

Electrical Specifications

- Auto-switching single-phase AC power
- Operating range: 90-132VAC and 190-264VAC RMS.
- Frequency range : 47-63 Hz.
- Power requirement is 100W maximum continuous and 607W peak (for 450 microsec) output power.
- FCC Class A

Environmental Specifications

- Operating Temperature: 60° F to 86° F (15° C to/30° C)
- Storage Temperature: 23° F to 158° F (-5° C to 70° C)
- Operating Humidity: 20% to 65% non-condensing
- Storage Humidity: 20% to 70% non-condensing
- Media Storage:
 - o Temperature: 41F to 77F (5C to 30C)
 - o Humidity: 35% to 65% non-condensing
 - o Do not store in direct sunlight



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