ZEBRA® ZXP SERIES 7™ CARD PRINTER SPECIFICATIONS

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

Standard Features

- 300 dpi (11.8 dots/mm) print resolution
- Image size 1006 x 640 pixels
- USB 2.0 and Ethernet 10/100 connectivity
- 200 card capacity feeder (30 mil)
- 15 card reject hopper (30 mil)
- 100 card output hopper (30 mil)
- Manual feed capability
- 21-character x 6-line LCD with operator display
- Print Touch NFC tag for online printer help access
- Kensington® secure lock slot

Optional Features

- Single-sided laminator
- FIPS 201 compliant dual-sided laminator*
- 802.11 b/g wireless connectivity*
- Linear barcode scanner
- Duo-Print upgrade kit*

Encoding options and specifications

- Magnetic stripe encoder – AAMVA and ISO 7811 (new and pre-encoded, tracks 1, 2, and 3, high and low coercivity)*
- Combined MIFARE® ISO 14443 A & B (13.56 MHz) contactless and ISO 7816 Contact Encoder with EMV level 1 certification, and PC/SC compliance*
- EPCglobal® Gen 2 v2.0 (ISO/IEC18000-6C) UHF RFID smart card encoder*
- ISO 7816 Smart Card Contact Station for third party external contact encoders*

Software

- ZMotif™ SDK support and sample code for application integration in various languages and development environments
- Microsoft® Windows® certified printer drivers with toolbox utility features: Windows XP (32 bit), Vista® (32 and 64 bit), Server 2003 (32 bit), Windows 7 (32 and 64 bit), Server 2008 (32 and 64 bit), Windows 8 and Win 8 Pro (32 and 64 bit), Windows Server® 2012 (64 bit)
- CardStudio™ card design and issuance software
- Zebra Virtual PrintWare™ software support

Printing and Laminating Specifications

- Color dye sublimation or monochrome thermal transfer printing
- Single-sided and dual-sided printing
- Printing throughput:

Ribbon	Front	Back	Click to Drop (s)		Throughput (cards/hr)	
			Printing	Printing & Laminating	Printing	Printing & Laminating
YMCKO	YMCKO	N/A	18	28	300	270
YMCKOK	YMCKO	K	21	35	225	200
Mono	K	N/A	5	22	1375	265
Mono	K	K	10	26	555	260

- Printing and magnetic stripe encoding throughput:

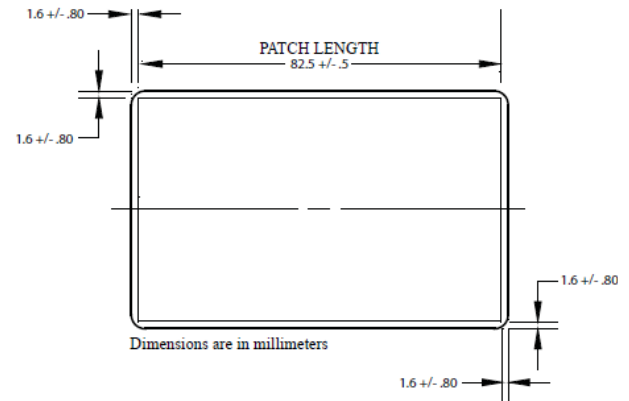|			Click to Drop (s)		Throughput (cards/hr)	
Ribbon	Front	Back	Printing	Printing & Laminating	Printing	Printing & Laminating
YMCKO	YMCKO	N/A	20	32	295	270
YMCKOK	YMCKO	K	24	38	225	195
Mono	K	N/A	8	20	650	265
Mono	K	K	13	26	435	260

NOTE: Printing throughput (cards per hour) based on batch printing with USB connectivity. Times may vary depending on the computer configuration.

- Near photographic print quality
- Edge-to-edge printing on standard CR-80 media
  - Image placement specification:

Dimensions are in millimeters

- Simultaneous printing, encoding, and laminating capability

- One-pass single-sided and dual-sided wasteless lamination
  - Laminate placement specification:

Dimensions are in millimeters

Supplies Specifications

- Zebra's intelligent technology RFID tags authenticate and automate ix Series™ ribbons and Zebra True Secure™ i Series laminate to assure the best quality possible
- Card cleaning rollers are included with each ribbon carton
- Specially designed cleaning supplies simplify preventative maintenance
  - Cleaning card kit: includes 12 print path and 12 feeder cleaning cards, 60,000 images
  - Laminator cleaning kit: includes 12 laminator card path cleaning cards, 12 cleaning swabs for media rollers, and 3 laminator oven adhesive cleaning cards, 60,000 images
- True Colours® ix Series™ ribbons:
  - YMCKO: 250 or 750 images/roll
  - YMCKOK: 250 or 750 images/roll
  - YMCUvK: 750 images/roll
  - ½ panel YMC, full KO: 1250 images/roll
  - KdO, KrO: 2000 images/roll
  - WrKr: 2000 images/roll
  - Black monochrome: 2500 or 5000 images/roll
  - Blue, red, gold, silver monochrome: 5000 images/roll
  - White monochrome: 4000 images/roll
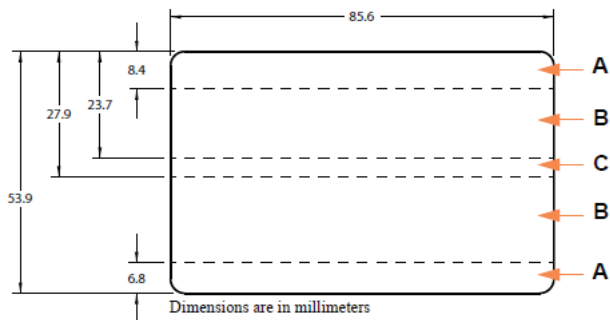 - Scratch off gray: 3250 images/roll

- True Secure™ i Series laminate:
  – Linerless waste-free 1.0 mil top and bottom laminate: 750 images/roll
  – Laminate types: clear, magnetic stripe, smart card, and holographic wallpaper designs
  – Custom laminates with registered or wallpaper holographic images available

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

Card Specifications/Compatibility

- Card thickness: 10 – 50 mil (0.25 – 1.27mm)
- Card thickness for lamination: 30 mil (0.76 mm) only
- Card size: CR-80, ISO 7810 format, Type ID-1
- Card material: PVC and composite, ABS cards, PET, PET-G, PET-F, PETix, and Teslin® composite
- Technology cards: contact and contactless smart cards
- Specialty cards: adhesive backed, signature panel, transparent cards with IR-blocker

Dimensions are in millimeters

Area A: Translucent window allowable only if IR blocker is used. Key-tag holes allowed only if hole is perforated and not punched through.

Area B: Translucent window is always allowable.

Area C: If Magnetic stripe is present, IR blocker is required.

Communications Interfaces

- USB V2.0 supports plug-n-play printer identification
- 10/100 Ethernet is standard
- 802.11b/g wireless connectivity is optional

Electrical Specifications

- Auto-switching single-phase AC power
- 90V~264V AC and 47–63Hz (50-60Hz nominal)
- FCC Class A
- Power Consumption
  – Idle 100 W
  – Initializing / warm-up (no laminator) 120 W
  – Initializing / warm-up (with laminator) 450 W
  – Printing (no laminator) 120 W
  – Printing and laminating 250 W
  – Sleep 20 W

Physical Characteristics

- Height: 306mm (12.0in)
- Width (printer only): 699mm (27.5in)
- Width (printer with laminator): 964mm (38.0in)
- Depth: 277mm (10.9in)
- Weight (printer only): 12.2 kg (26.9 lbs)
- Weight (printer with laminator): 17.9 kg (39.5 lbs)

Environmental

- Operating Temperature: 59º F/15ºC to 95º F/35ºC
- Storage Temperature: 23º F/-5ºC to 158º F/70ºC
- Operating Humidity: 20% to 80% inclusive, non-condensing
- Storage Humidity: 10% to 90% inclusive, non-condensing
- Media should be stored away from direct sunlight, between +5˚ and +30˚ C, and between 30% to 50% relative humidity

*Field-upgradable options