

DNA Series



High speed desktop card printers with added new features

The Javelin desktop series now has 2 main models: the **DNA**, which is an entry-level manual feed printer and the **DNA PRO** which has input and output hoppers.

New features on all models include a mobile app, enabling you to send card images from your Android or tablet, a rewrite feature for re-usable cards and Data Shield to protect the data visible on the ribbon when printer to a card and software security lock.

DNA ID card printer

- Single-sided
- Manual feed



DNA PRO ID card printer

- Single-sided and dual-sided
- Auto feeder



New features

Ribbon scrambler



Software lock



Rewrite



Phone App



Warranty



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Secure issuance solutions, it's in our DNA

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DNA Series

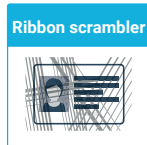


New DNA features



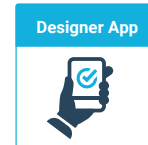
Software lock

New Javelin Software Lock enabling you to enhance your security when issuing cards. As an additional upgrade, the Javelin software lock is password secured giving you maximum control on how cards are issued.



Anti-fraud scrambler

The Javelin Anti-fraud Scrambling Enabler is a useful upgrade option that obscures the data printed on the print film. This means the data printed cannot be copied and prevents the data being reprocessed, helping to improve your in branch security and data protection.



Designer App

Javelin Designer App enabling you to create and design cards that can be sent to print in a few simple steps. Print images, logos and barcodes and save the design - card printing has never been so easy. Free to download on Android only.

Designer App features

- Save card templates
- Print barcodes
- Print logos
- Ability to print single-sided and dual-sided
- Magnetic stripe encoding
- Print QR codes (2D)
- Live capture photos using phone camera



1. Open the App and select your DNA printer using Wifi.
2. Images, text and barcodes can be added and sized.
3. Mag encoding can then be added to the card design.
4. Tap the printer icon and your card will be printed wirelessly ready to issue.

Javelin Designer App is only available on Android powered devices via the play store.



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Printer specifications

Specifications

Print technology

Dye-sublimation, direct-to-card

Print resolution

300 dpi

Print area

53.98 x 85.6mm / 3.370" x 2.125" (CR-80 cards)

Print speed

- 180-200 cph (YMCKO single-side)
- 100 cph (YMCKOK dual-sided)
- 800 cph (monochrome printing)

Print mode

Manual, automatic single or dual-sided (optional)

Printer memory

RAM: 128 Mb, CPU: 32 bit processor

Communications interface

USB 2.0

Easy to use, plug and print operation

- LCD display with graphical notifications
- 4 x LED status indicators
- Drop in ribbon cassette with easy handling
- Automatic ribbon identification and setting
- Easy maintenance access

Printer security

Support for Kensington® security lock

Printer dimensions (HxWxD)

Javelin DNA / DNA PRO:
305x184x228mm / 10.6"x7.9"x15.9"

Weight

- Javelin DNA: 3.7kg, 8.16lb
- Javelin DNA / DNA PRO: 4.5kg, 9.92lbs

Power supply

- Input: 220-240V/110-115V, 50-60 Hz
- Output: DC 24V, 2.5A
- FCC Class A, CE and CCC, KCC, Energy Star app

Operating environment

- Temperature: 5°C to 40°C, 41°F to 104°F
- Humidity: 20% - 90% (non-condensing)

Storage conditions

- Temperature: -10°C to 60°C, 14°F to 140°F
- Humidity: 20% to 90% (non-condensing)

Sound (ISO 7779)

Sound pressure less than 48dB (A)

Certifications

RoHS, CE, FCC, CQC, UL, WEEE, Proposition 65 (California, USA)

Warranty

30 months

Card specifications

Input hopper capacity

100 cards (0.76 mm / 30 mil thickness)

Output hopper capacity

60 cards (front)

Card thickness

- 0.25 mm - 1.25 mm / 10 mil - 50 mil
- Gauge adjustment

Card types

CR-80 PVC, PVC-C, rewrite (optional)

Software specification

Printer driver

Windows® 7, 8.1, 10, Vista, XP

Integration tools

- EDIsecure® middleware
- SDK available for system integrators

Barcodes

Code 39, Code 128 B&C with and without check digit.
2 of 5 interleaved UPC-A, EAN 8 & EAN 13 PDF-417
2D barcode and other symbols can be printed via Windows drivers.

Options

Magnetic stripe encoding

ISO 7811 HiCo/LoCo (factory fit only)

Smart card / Contactless encoding

- Contact PC/SC, EMV compliant
- Smart contact station: ISO 7816-2
- ISO14443A, B, ISO15693, MIFARE®, DESFire®, HID iClass®

Printer security

- Mechanical locks
- Electromagnetic locks
- Hopper locks
- Kensington lock

Additional hopper

100 card hopper (DNA Pro only)

Communications interface

WiFi 802.11 a/b/g

WiFi to mobile

Link to mobile app.

Lamination

Inline Javelin laminator

Consumables

To ensure print quality and card durability, printhead lifespan and overall printer reliability, use Javelin ribbons only.

Supply cores and cassettes are recyclable. Packaging is recycled.

Ribbon program

- **Colour YMCKO**
up to 200 prints

- **Colour YMCKOK**
up to 167 prints

- **Colour (half panel YMC)KO**
up to 400 prints

- **KO - Black /Overlay**
up to 500 prints

- **Monochrome K - Black**
up to 1000 prints

- **Mono White**
up to 1000 prints

- **Mono Red**
up to 1000 prints

- **Mono Blue**
up to 1000 prints

- **Mono: Silver**
up to 1000 prints

- **Mono: Gold**
up to 1000 prints

- **Scratch-off**
up to 1000 prints

- **Cleaning kit**
 - 5x cleaning cards
 - 5x 6" swabs
 - 1x long cleaning T-card

Part No.

61123501

61123511

61123513

61123201

61123110

61123113

61123114

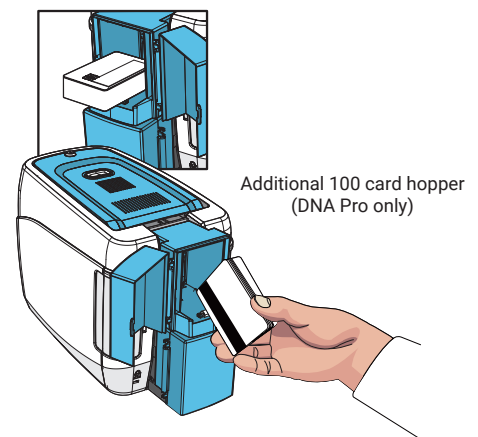
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JavelinDNASeries A4 V3



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