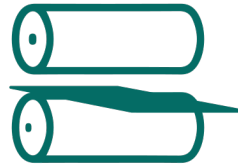# JAVELIN DNA SERIES
NOW WITH NEW FEATURES

The Javelin desktop series now has 3 main models: the Javelin DNA, which is an entry-level manual feed printer, the Javelin DNA-PRO which has input and output hoppers (auto feed) and the Javelin M-Boss with a specially designed print head for pre-embossed cards. All models have easy to read LCD displays for ease of use. In addition, we have introduced a few new features to these models such as a mobile app, enabling you to send card images from your Android or tablet, re-write 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.

WHAT'S NEW TO THE JAVELIN SERIES?

NEW!

The **Javelin Data Shield** is an upgrade option that is designed to obscure the data printed on the printer ribbon. This means the data printed cannot be copied and prevents the data being fraudulently re-used helping to improve security and data protection.

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.

Javelin Re-write enables you to print onto the surface of a re-write card in mono by using the heat from the printhead. No consumable required as the image is printed using the special card surface. Printed image can be erased and reprinted as and when necessary required.

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.

NEW MOBILE 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.

Open the App and select your DNA Printer using Wifi.

Images, Text and Barcodes can be added and sized.

Mag encoding can then be added to the card design.

Tap the printer Icon and your card will be printed wirelessly ready to issue.

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

JAVELIN DNA SERIES
HIGH SPEED DESKTOP CARD PRINTER

nbs TECHNOLOGIES

FINANCE HEALTH LOYALTY &REWARDS TELECOMS GAMING &LEISURE GOVERNMENT EDUCATION TRANSIT

PRODUCT OVERVIEW

The Javelin desktop series offers an all in one solution with high quality color or monochrome printing. Our new upgrade options include dual sided printing, Wi-Fi, security locks, additional hopper and encoding modules. The Javelin desktop series now has 3 main models: the Javelin DNA, which is an entry level manual feed printer, the Javelin DNA-PRO which has input and output hoppers (auto feed) and the Javelin M-Boss with a specially designed print head for pre-embossed cards.

- Two options available: Javelin DNA & Javelin DNA Pro.
- Javelin DNA comes with manual card feed as standard.
- Javelin DNA Pro comes with an automatic card feed as standard.
- Optional Javelin Laminator & J1000i with Javelin DNA-Pro model only.
- Single to dual-sided field upgrades available.
- Security lock options.
- Contact and contactless smart card encoding with mag stripe field upgrade.
- **NEW*** Upgrade to add pre-embossed cards - Javelin M-Boss
- **NEW*** Can be upgraded to have the all new software lock for maximum security and card re-write.
- **NEW*** Javelin DNA Pro & M-Boss can be used with the new Javelin Designer App.
- **NEW*** Anti-fraud Data Shield enabler preventing card data being copied

- Single to Dual sided field upgradable.
- Compact and streamlined desktop format.
- Security lock options.
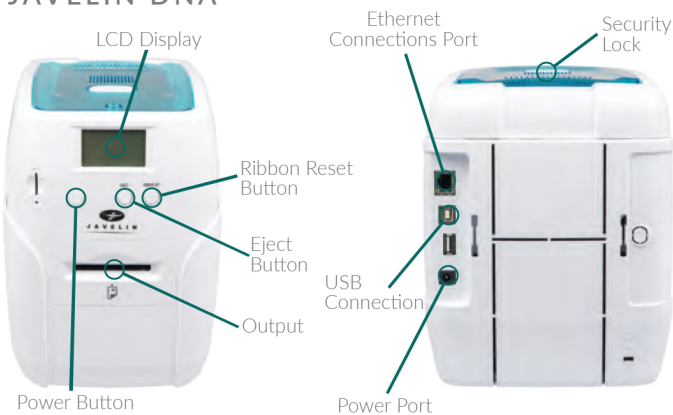- 16.7 million color options.
  Wifi option.

- Contact & contactless smart card encoding with Magnetic stripe field upgrade capabilities.
- Internal USB hub to connect camera, memory stick and other peripheral devices.
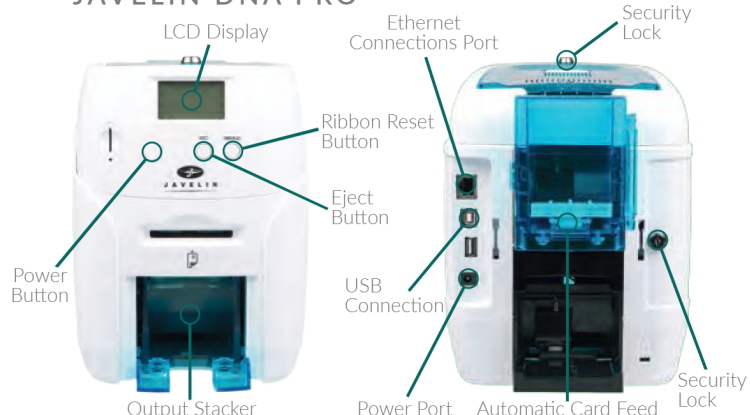- 3-track magnetic stripe encoding (HiCo-LoCo).

- ID card software and consumables included with printer.
- LCD screen displays printer status and diagnostics.
- Easy to change ribbon and thermal print head.

PRODUCT BREAKDOWN

JAVELIN DNA

LCD Display
Ethernet Connections Port
Security Lock
Ribbon Reset Button
Eject Button
USB Connection
Output
Power Button
Power Port

JAVELIN DNA PRO

LCD Display
Ethernet Connections Port
Security Lock
Ribbon Reset Button
Eject Button
Power Button
USB Connection
Output Stacker
Power Port
Automatic Card Feed
Security Lock

SPECIFICATION DETAILS

PRINT METHOD

Print Mode: Manual or automatic feed, single or dual sided printing (option, dual sided printing)

Print Method: Thermal transfer (mono), Dye-sublimation (mono or colour)

Print Speed: Mono: 800 cph, YMCKO: 225 cph (Single-sided) YMCKOK: more than 125 cph (Dual-sided.

Print Ribbons: KrO: 500 prints/roll, YMCKO: 200 prints/roll, YMCKOK: 170 prints/roll Half-Panel YMC plus full-panel KO:400 prints/roll Monochrome: black, silver, gold, red, blue, white, green: 1000 prints/roll

CARD

Card Types: PVC & composite PVC

Card Size: Card width & Length: ISO CR-80-ISO 7810: 53:98mm (W) x 85.60mm (L)

Card Thickness: 0.4mm - 1.2mm

Card Encoding Options: Magnetic Stripe: ISO7811(tracks 1, 2, 3); Hi-Co/Lo-Co, Head life 4,000,000 passes Contact (IC): ISO 7816, EMV, PC/SC, IC contact life: 1,000,000 passes Contactless(RF) MiFare, ISO 14443 A,B ISO15693

Font & Images: 300 dpts per inch (11.8 dots per mm) resolution, 16.7 million colors True Type fonts via Windows drivers

UPGRADES

For Javelin DNA & Javelin DNA Pro
- WIFI (To link to moblie app)
- Single or dual-sided printing
- Contact encoding
- Contactless encoding
- Mag Encoding
- Lid Lock & Kensington Lock to secure to table
- Software Lock (*New)
- Card Re-Write (*New)

For Javelin DNA Pro:
- Pre-Embossed print head
- Dual Side Hopper
- Hopper Lock
- Data Shield (*New)

SYSTEM

Display: LCD & LED

Supported Platforms: Microsoft Windows XP/Vista/7/8/10

Printer Interfaces: USB 2.0 Internal USB hub to connect peripheral devices

CPU & RAM CPU: 32 bit processor RAM: 128MB

Operating Temp & Humidity: 5-40°C / 41-104°F, 20-90% RH non-condensing Storage temperature: -10-60°C / 14-140°F

DIMENSIONS

Javelin DNA
305.6mm(L) x 184mm(W) x 228mm(H)
3.7kg / 8.16lbs

Javelin DNA PRO
366mm(L) x 184mm(W) x 228mm(H)
4.5kg / 9.92lbs

POWER SOURCE

Input: 100V-240 V, 50/60 Hz; Output: DC 24V, 2.5A (FCC Class A, CE and CCC ,KCC, Energy Star approved)

CAPACITY

Card capacity for Javelin DNA PRO
Input hopper: 100 cards (.076mm), Output hopper: 60 cards (076mm)

BARCODES

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

STEPPED PRINT HEAD

JAVELIN DATASHIELD

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