

Retransfer Card Printer

From NBS Technologies

J1000i™

RETRANSFER PRINTING AT 600DPI

This high speed, high resolution retransfer technology allows for full color brilliance as well as full bleed images. Colors are vibrant, images are crisp and quality is second to none. ID cards printed on the J1000i™ Card Printer are of the highest image quality available. The retransfer process uses dye sublimation to print a high-resolution image in reverse directly onto the film base. The printer then thermally transfers the image and film onto the card surface through heat and pressure which thermally bonds it to the card surface creating an image quality that looks more like a sharp glossy photo than an ordinary ID badge.

Printing on film instead of directly on the card means that the uneven surface of technology cards doesn't compromise image quality. It's high quality at value pricing.



The ultimate image quality printer with optional security applications. Performance, quality, flexibility and reliability at an affordable price point.

Superior quality, high efficiency, and high speed in a small footprint allows for J1000i to compete in many markets because of its flexibility.

The J1000i offers these Key features and Benefits:



COMPACT, FLEXIBLE & EASY-TO-USE

- Single and Double sided printing
- Conveniently fits on the desktop or under the counter
- Over-the-edge on CR-80 cards



NETWORK AND ENCODING

- Mag Encoder, Contact Encoder, Contactless Encoder option
- 2 USB HUBS (inside printer)



EASY-TO-USE

- High durability, low maintenance
- User-friendly, LCD Control Panel



Printer Specifications

Print	Print Method	Dye-sublimation retransfer printing
	Resolution	600DPI
	Input	R/G/B 256 level
	Output	Y/M/C/UV 256 level
	Printing area	Over the edge on CR-80 cards
Speed	Printing speed (Single printing: YMCK)	More than 22.5s full color YMCK (160 cph)
	Printing speed (Double printing: YMCKK)	More than 36s full color YMCKK (100 cph)
Capacity	Feeder capacity	250 cards (if card thickness is 0.76mm)
	Card exit capacity	250 cards (if card thickness is 0.76mm)
Display	Display	LCD Panel (with back light), LED, Operation
Size	Dimensions	17.13(H) x 13.39(W) x 12.60(D) In.
	Weight	Less than 33 lbs. (15kg)
Power	Power Source	90-125VAC 220-240VAC 50/60Hz
	Power Consumption	Less than 3A (100W)
Temperature	Operating temperature	10 to 35°C - 20 to 80% humidity
Drivers	I/F	USB and Ethernet 10 Base-T, 100 Base-T
	Drivers	XP, Vista, Win 7 (32 & 64 bits), Win 8 (32 & 64 bits)
Ribbon	Ribbon capacity	500 images YMCK
	Film ribbon	Clear Retransfer, Holographic Retransfer
	Ink Ribbon	YMCK, YMCKK, YMCKHS (except for PVC Card), YMCKI, YMCKF
Agency Listing	Agency Listing	UL/CSA/CE/FCC
Warranty**	Printer	2yrs
Other	MTBF	100,000 prints
	Extendibility	2 USB HUBS (inside printer)
	Memory size	64MB

Card Specifications

Cards	Card thickness	0.25 to 1.0mm Card
	Card size CR-79 & CR-80	CR-79 & CR-80
	Card material	PVC, PET, PC, ABS (Except PVC cards need prior confirmation)
Options	Laminator	Available
	Encoder	Mag Encoder, Contact Encoder, Contactless Encoder



Javelin® Designer Software included with J1000i to manage all card design, printing needs and encoding



250 Card feeder capacity



Easy to read LCD screen for clear notification and prompts



Contact our NBS card personalization experts for full details on this and other card personalization products at:

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