

smart

Smart, Reliable, Quality, and Convenience
in ID Card Printing.



Features



Minimal Equipment Investment

- Prevent waste of ribbon panel by perfect auto ribbon search function
- Free bundle design software (Smart Design)



Convenient

- 2 line LCD window provides real-time process status
- Front side card loading and exit
- All-in-one ribbon / cleaning roller cartridge
- Easy contact / contactless / mobile IC encoding



High Quality Images

- FINE imaging technology for clear, optimized color
- High Quality Dithering Algorithm for mono image printing



Dual-Sided Printing

- Dual sided printing with attachable rotator
- Fast, quite rotation during printing



Fast

- Max 144 cards / hour in full color one side (YMCKO)
- Max 120 cards / hour in full color two sides (YMCKOK)
- Max 360 cards / hour in full black overlay (KO)
- Max 720 cards / hour in full monochrome one side



Optional Accessories

- Magnetic Stripe Encoding: ISO7811, JIS II, HiCo / LoCo
- IC (Contact) Encoding: ISO 7816 (ID-1), SIM Type - ISO 7816 (ID-000)
- Internal and External Contactless Encodings: ISO 14443 (Type A / B), ISO 15693, MIFARE
- Rotator



Easy-to-Use

- Exclusive design and encoding tool (Smart Design)
- Easy connection with external database
- Compatible with MS Excel / Word / PowerPoint and Adobe Photoshop

Smart Design

Powerful ID card design software with
easy-to-use design and print functions

Convenient GUI

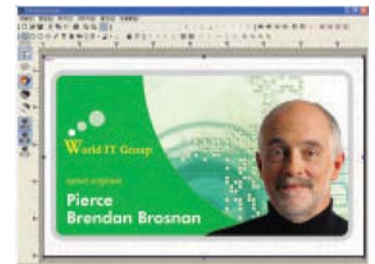
- Design and print by WYSIWYG (What You See Is What You Get)
- Easy-to-use ID card design toolbar includes special functions

Wizard and Template

- Wizard allows you to configure card type, background image and printing area
- Sample templates included

Card Design Functions

- Design both front and back of card
- Select printing layer for objects (Color, Resin, Overlay)
- Database connection with objects
- Magnetic field data setting



Specifications

Card Types	PVC, Polyester Cards with polished PVC finish
Printing Method	Dye-Sublimation / Resin Thermal Transfer / Edge-to-Edge
Card Format	ISO CR-80 (54mm x 86mm / 2.12" x 3.38")
Card Thickness	0.38mm (15mil), 1.0mm (40mil)
Resolution	300 dpi
Memory	32MB
Printing Speed	Color (YMCKO) : max 144 cards/hour
	Color Two Sides (YMCKOK) : max 120 cards/hour
	Black Overlay (KO) : max 360 cards/hour
	Mono (Black) : max 720 cards/hour
Ribbon Capacity	Color (YMCKO) : 250 cards/roll
	Black Overlay (KO) : 600 cards/roll
	Mono : 1,200 cards/roll (Black, Gold, Silver)
Hopper & Stacker	Hopper : 90 cards, Stacker : 40 cards
Interface	USB
Display	2 Line LCD & LED
Power	Free Voltage (110/240V AC), 50 ~ 60 Hz, 45W
Dimension	6.7" (W) x 7.7" (H) x 16.5" (D)
Operating Environment	Temperature : 10 ~ 35C, Humidity : 20 ~ 80%
Weight	9.9 lbs.
Agency Listing	MIC, CE, UL, FCC
Printer Driver	Windows 2000 / 2003 / XP
OPTIONS	
M/S Encoding	ISO 7811 (Track I,II,III Read / Write), JISII, HiCo / LoCo
IC (Contact) Encoding	ISO 7816(ID-1)
Two RF Encodings	SIM Type-ISO 7816(ID-000)
(Internal & External)	ISO 14443 (Type A / B), ISO 15693, MIFARE
Card Rotator	

Dimensions

* Specifications are subject to change without notice.

