PRINT NOW. PRINT MORE.
Still Waiting for Printer Ready?

New Trusted Identity Begins

SMART-81 is a new generation retransfer card printer that offers the fastest issuance speed in the industry. IDP's innovative retransfer heating technology- **Rapid Retransfer Printing technology or "RRP"** provides the fastest "Ready to Print" metric in the industry.
No more waiting several minutes for your out-dated retransfer printer to heat up.

RRP technology from IDP offers power-on and Ready to Print in only seconds.
The SMART-81 produces higher-quality, sharper-looking images than traditional card printers. It is the perfect choice for demanding applications which require deep dark colors with infinity-edge (full-bleed) graphics on blank or technology cards.

The input card hopper holds up to 200 cards and physical security features allow you to easily secure your printer, its supplies, and ejected cards in instant bank-card issuance or high-security applications.

Innovative Retransfer Head Heating Control
- Heat up & Print ready in only seconds

Glossy, Superior high resolution

Stress-free & Intelligent Anti-dust circulation

Complies with International Banking Instant Issuance Security Standards
- Physical & Electronic Locking system
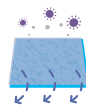- Secured bolt-down fixture

The FASTEST Boot-up speed

200 CARDS
High Volume Capacity

Infinity Edge Printing Quality

Stress-free Anti-dust circulation

Advanced Security Compliant

Robust & Innovative Product design

PRINT NOW. PRINT MORE.
Still waiting for printer boot-up?

No more waiting, save your precious time - SMART-81 gives you the fastest issuance speed and allows you to experience simultaneously power-on and print in only seconds unlike the traditional retransfer card printers which take several minutes.

Innovative retransfer head heating control technology creates more sharp-looking images and text quality every time.

Perfect printing on embedded chip cards - SMART-81 can print graphical card design right to the edges even on smart cards with uneven surfaces.
It's the ideal choice for customers that demand more functionality and high security such as government, bank, education, and hospitality industries.

FORGET ABOUT DUST & THEFT.
Extend your card printer life

Intelligent anti-dust circulation - Designed with fine dust filter and disposable cleaning roller to help flawless printing quality by removing dust and other particles.

An Intelligent air circulation structure effectively controls the temperature in the printer during continuous card issuance.

Advance security compliant - SMART-81 prevents theft and counterfeit of sensitive financial resources.
It is equipped with a physical and electronic locking integration system that complies with the *International Banking Instant Issuance Security Standards*.
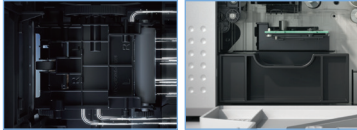Additionally, a secured bolt-down fixture supports high-level security ID card demands.

IDP

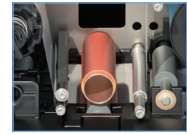- **Stress-free & Intelligent Anti-dust circulation**

- **Fastest Boot-up speed & User-friendly Graphical Interface LCD**

- **Internal Flipper Mechanism & Error card Bin**

- **Rapid Retransfer Printing Technology** *Patented
  - Printer & Retransfer heat up in only seconds

- **High Volume Capacity**
  - Up to 200 cards

- **Complies with International Banking Instant Issuance Security Standards**

SPECIFICATIONS

Model		SMART-81S	SMART-81D
Printing	Print Type	Dye-Sublimation / Resin Thermal Retransfer	
	Print Area	Single-Sided	Dual-Sided
Card	Resolution	300dpi	
	Card Feeding	Automatic	
	Card Size	ISO CR80	
	Card Thickness	0.76mm (30mil) ~ 1.6mm (64mil)	
	Card Type	PVC, PC, PET, Composite PVC	
Print Speed	Single Side	Max. 25 sec./card (144 cards/hour)	Max. 25 sec./card (144 cards/hour)
	Dual Side	-	Max. 43 sec./card (84 cards/hour)
Capacity	Input Hopper	200 Cards	
	Output Hopper	100 Cards	
	Error card bin	25 Cards	
System	Display & Control Panel	2 Line Graphic LCD Indicator / 4 Buttons	
	Supported Platforms	Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux	
	Communication	USB, Ethernet	
	Power Supply / Consumption	100-240V~ 50/60Hz 2.5A	
	Temperature / Humidity	15~35℃ / 35~70%	
Dimensions	WxDxH (Millimeter / Inch)	460 x 224 x 310 / 18.1 x 8.8 x 12.2	
	Kg/lbs	11.4 / 25.13	
Options	Encoding	Magnetic stripes : ISO 7811 (Track I, II, III Read/ Write, HiCo/ LoCo) Contact : ISO 7816 (ID-1) / Contactless : ISO 14443 (Type A/ B), ISO 18092(NFC), MIFARE, DESFIRE	
	WiFi	IEEE 802.11 a/ b/ g/ n	
	Security	Physical & Electronic Locking System	
	Bend Remedy*	Available only for the SMART-81S	

- Print Speed : May change under specific condition.
* Contact and contactless encoder modules cannot be installed with Bend Remedy.

CONSUMABLES

RIBBONS

YMCK	500 Cards/Roll	Full Color Ribbon with Resin Black
YMCKK	500 Cards/Roll	Full Color Ribbon with Resin Black & Resin Black for Back Side

RETRANSFER FILM

Retransfer Film	500 Cards/Roll

RIBBON & FILM PACKAGE

YMCK & Retransfer Film 500 Cards/Each Roll	Full Color Ribbon with Resin Black & Retransfer Film

310 mm (12.2 Inch)
224 mm (8.8 Inch)
460 mm (18.1 Inch)

Discover more at
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Specifications and availability may change without notice.

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