



PRINT NOW. PRINT MORE. INDUSTRY LEADING SPEED!



New Trusted Identity Begins

SMART-81 is a new generation retransfer card printer that offers the fastest production 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 head 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.

Equipped with an internal flipper, the unit easily upgrades from a single to a dual side printer using only a software key.

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
- 300, 600 dpi high definition printing

Internal Flipper Mechanism
- Instant key authentication field upgrade
Single to Dual sided - Software enabled upgrade key

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



High volume
capacity



Infinity Edge
Printing Quality



Stress-free
Anti-dust circulation



Advanced Security
Compliant



Robust & Innovative
Product design

PRINT NOW. PRINT MORE. Rapid Retransfer Printing Technology

No more waiting, save your precious time - SMART-81 gives you the fastest production speed and allows you to experience simultaneously power-on and **Print Ready** in only seconds unlike the traditional dye-sublimation card printers which take several minutes.

Innovative retransfer head heating control technology creates sharper looking images and text quality on every card..

Perfect printing on embedded chip cards - SMART-81 can print graphical card designs right to the edges even on smart cards with uneven surfaces. It's the ideal choice for customers that demand more functionality and in 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.

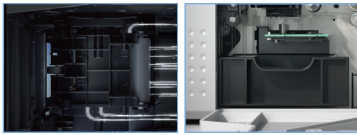
It is equipped with a physical and electronic locking integration system that complies with the International Banking Instant Issuance Security Standards . Additionally, a secured bolt-down fixture supports high-level security ID card demands.

- Stress-free & Intelligent Anti-dust circulation

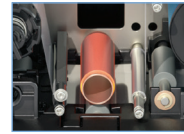


- Fastest Boot-up speed & User-friendly Graphical Interface LCD

- Internal Flipper Mechanism & Error card Bin



- Rapid Retransfer Printing Technology *Patented



- Printer & Retransfer heat up in 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) ~ 1.2mm (47mil)	
	Card Type	PVC, PC, PET, Composite PVC	
Print Speed	YMCK	Max. 25 sec./card (144 cards/hour)	
	YMCKK	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°C / 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), JIS II Contact : ISO 7816 (ID-1) / Contactless : MIFARE, ISO 14443 (Type A/ B), ISO 15693, DESFIRE, iCLASS	
	WiFi	IEEE 802.11 a/b/g/n	
	Security	Physical & Electronic Locking System	

- Print Speed : May change under specific condition.

CONSUMABLES

RIBBONS

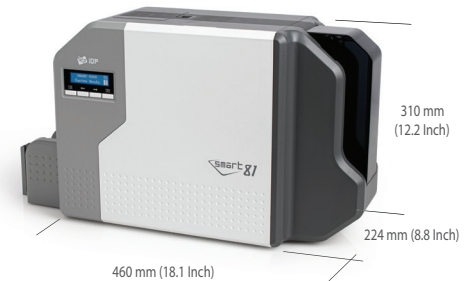
YMCK	500 Cards/Roll	Full Color Ribbon with Resin Black
YMCKK	500 Cards/Roll	Full Color Ribbon with Resin Black & Resin Black for Back Side

RETRANSFER FILM

Retransfer Film	500 Cards/Roll	1,000 Cards/Roll
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RIBBON & FILM PACKAGE

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