

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

Intelligent Anti-dust circulation

Complies with International Banking Instant Issuance Security Standards

- Physical & Electronic Locking system
- Secured bolt-down fixture



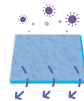
The FASTEST
Boot-up speed



High Volume
Capacity



Infinity Edge
Printing Quality



Stress-free
Anti-dust circulation



Advanced Security
Compliant



Robust & Innovative
Product design

PRINT NOW. PRINT MORE.

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 healthcare.

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 counterfeiting 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.



SMART-81D
Retransfer Card Printer

- **Rapid Retransfer Printing Technology** * Patented
- Printer & Retransfer heat up in only seconds
- Fastest Boot-up speed
& User-friendly Graphical Interface LCD
- High Volume Capacity - Up to 200 cards
- Intelligent **Anti-dust circulation**
- Internal Flipper Mechanism & Error card Bin
- Complies with International Banking
Instant Issuance Security Standards
- High-Speed Lamination - No warming-up time
- High Durability & Physical & Electronic Lock



SMART-81L
Laminator

SPECIFICATIONS


SMART-81D Retransfer Card Printer	Printing	Print Type	Dye-Sublimation / Resin Thermal Retransfer		
		Print Area	Single-sided (SMART-81S) or Dual-sided (SMART-81D)	Resolution	300 dpi / 600 dpi
	Card	Card Feeding	Automatic	Card Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
		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)	Dual-Side	Max. 43 sec./card (84 cards/hour)
		Capacity	Input Hopper	200 Cards	Error Card Bin
	Output Hopper		100 Cards		
	System	Memory	128MB RAM	Display & Control Panel	2 Line Graphic LCD Indicator / 4 Buttons
		Communication	USB, Ethernet	Support Platforms	Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux
		Power / Consumption	100-240V~ 50/60Hz 2.5A	Temp. / Humidity	15~35°C / 35~70%
Dimensions	W x D x H	460 x 224 x 310 mm / 18.1 x 8.8 x 12.2 inch	Weight	11.4 kg / 25.1 lbs	
Encoding Options	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			
Options	WiFi	IEEE 802.11 a/ b/ g/ n			
	Security	Physical & Electronic Locking System			

SMART-81L Laminator	Laminating	Type	Direct Heating Lamination		
	Film	Film Type	Clear, Holographic, TTO	Film Thickness	0.6mil, 1.0mil
	Speed	Single-side	20 sec./card (180 cards/hour)		
	System	Interface	1 LED indicator	Communication	IR type
		Power / Consumption	100-240V~ 50/60Hz 2.5A	Temp. / Humidity	15~35°C / 35~70%
	Dimensions	W x D x H	240 x 224 x 260 mm / 9.5 x 8.9 x 10.2 inch	Weight	6.2 kg / 13.7 lbs
Options	Security	Physical Lock & Kensington Lock			

- Print Speed : May change under specific condition.


Specifications and availability may change without notice.

CONSUMABLES

RIBBONS	
YMCK	500 Cards/Roll
YMCKK	500 Cards/Roll

RETRANSFER FILM	
Retransfer Film	500 Cards/Roll

RIBBON & FILM PACKAGE	
YMCK & Retransfer Film	500 Cards/Each Roll

LAMINATOR FILM	
Hologram Patch	500 Cards/Roll
Clear Patch	500 Cards/Roll
Hologram Overlay Patch	1000 Cards/Roll



Discover more at
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