IDP

Fast and Reliable ID Card Printer

IDP's new SMART-51 is the next generation of its mid-range ID Card Printer platform. The SMART-51 inherits the most successful and proven elements of the SMART-50 series printer to ensure reliability. The upgraded SMART-51 will provide the most appropriate card issuance experience.

Faster

SMART-51 is 10% faster compared to the former SMART-50 series ID Card Printer.

- Up to 212 cards / hour for single-sided color (YMCKO) prining

Reliable

SMART-51 is consturcted with a metal frame and steel ball bearings to ensure many years of reliable service with little maintenance.

Secure

Electronic locks can be activated to secure the printer from use during shipment and if stolen. Optional physical locks can secure the cards, ribbon, and laminate film installed in the printers. Further, printers can be ordered with optional Kensington lock slots for use with cable locks.

User-friendly

- SMART-51 offers a larger card loading capacity of up to 200 cards with its cover opened.
- Removable rear stacker (*Option) can hold up to 100 cards with faster printing speed.
- Field upgradable Flipper (for dual-sided printing) and Laminator
  (for dual-sided printing & laminating) can be easily installed.
- SMART-51 can print on transparent cards with magnetic stripes.
- Supports top-side magnetic striped cards.
- The sleek modern appearance of the SMART-51 is a great addition to any business.

High Speed Printing

Enhanced FINE™ Imaging Technology

Extra-Capacity Input Hopper

Large Output Hopper*

Support of Transparent Cards

Easy to Load Ribbon and Lamiante Cartridges

Support of CR79 Cards*

Top-Side Mag Encoding

Electronic and Physical Locking Systems*

*Optional Features.

smart Series

manufactured by IDP Corporation, is a highly engineered dye-sublimation ID Card printer which provides you with maximum efficiency for production of plastic cards in commercial and government applications.

SMART series is designed to support a flexible user environment, which makes it easy to choose the correct printer and save money. You can easily add a flipper or laminator, for dual sided printing or laminating, add various encoders such as magnetic stripe, contact or contactless, and feel confident that IDP's enhanced FINE™ Imaging Technology will produce beautifully printed high-quality cards. The SMART Series is a perfect choice for Employee IDs, Membership Cards, Access Control Badges, Secure Government Credentials, Social Services Cards, and even the instant issuance of Banking Cards.

Please come and experience the flexibility and quality of the SMART series.

• **New Input Hopper**
200 cards with cover open | 100 cards in default

200 Cards loading

100 Cards loading

• **Improvement of Print speed**
• **Enhanced FINE™ Imaging Technology**
• **State-of-the-art CPU**
• **Reduced Printing Noise**
• **All-in-one Lock system** (*Option)
• **Easy to Handle Laminate Film Cartridge**

• **Rear-side Stacker**
(up to 100 cards, *Option)

• **Removable -**
Output Hopper

• **Front-side Mag Encoding** (*Option)
• **Support of Transparent Card**
• **Support CR79 Type** (Factory-installed, *Option)

SPECIFICATIONS

Model		SMART-51S	SMART-51D	SMART-51L
Printing	Print Type	Dye-Sublimation		
	Resolution	300dpi / Edge to Edge		
	Dual Side Printing	Option (with Flipper)	Yes	Yes (Flipper Installed)
Card	Card Feeding	Automatic		
	Card Size & Thickness	ISO CR80 or ISO CR79 (Option-Factory installed)	0.38mm (15mil) ~ 1.0mm (40mil)		
	Card Type	PVC, PET, Composite PVC		
Print Speed	Monochrome	5 sec./card (720 cards/hour)		
	YMCKO	Max. 17 sec./card (212 cards/hour)		
	YMCKOK	-	Max. 22 sec./card (164 cards/hour)	
Laminating Speed	Simultaneous (Single Lamination) YMCK	-	-	22 sec./card
	YMCKK	-	-	32 sec./card
	One by One (Single Lamination) YMCK	-	-	43 sec./card
	YMCKK	-	-	53 sec./card
Capacity	Input Hopper	100 Cards / 200 Cards with cover open		
	Output Hopper	Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)		
System	Display & Control Panel	2 Line LCD / 2 LED Buttons		
	Supported Platforms	Microsoft Windows 2000/ 2003/ XP/ Vista/ 7/ 8 /10, Mac OS, Linux		
	Communication	USB, Ethernet (Option)		
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)		
	Power Consumption	48	48	96
	Temperature/Humidity	15~35℃ / 35~70%		
Security	Physical Lock	All-in-One Lock system (Option)		
	Kensington Lock	Option		
Dimensions	WxLxH (Millimeter / Inch)	165 x 390 x 210 / 6.5 x 15.4 x 8.3	165 x 498 x 210 / 6.5 x 19.6 x 8.3	165 x 675 x 210 / 6.5 x 26.6 x 8.3
	Kg/lbs	4.5 / 10	5.2 / 11.5	8.8 / 19.4
Encoding Option	Magnetic	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		

CONSUMABLES

COLOR RIBBONS

YMCKO	250 Cards/Roll	Full Color Ribbon with Resin Black & Overlay
YMCKOK	200 Cards/Roll	Full Color Ribbon with Resin Black, Overlay & Black for Back Side
YMCFKO	200 Cards/Roll	Full Color Ribbon with UV Panel, Resin Black and Overlay
HYMCKO	350 Cards/Roll	Half Panel Size Color Ribbon with Resin Black and Overlay

MONO RIBBONS

KO	600 Cards/Roll	Black with Overlay
K	1200 Cards/Roll	Black
W	1200 Cards/Roll	White
B	1200 Cards/Roll	Blue
R	1200 Cards/Roll	Red
MG	1200 Cards/Roll	Metallic Gold
MS	1200 Cards/Roll	Metallic Sliver
SO	1200 Cards/Roll	Scratch-Off

SECURITY FILMS

HPF	250 Cards/Roll	Hologram Patch Film
CPF	250 Cards/Roll	Clear Patch Film

Specifications and availability may change without notice.

IDP Corp., Ltd.
• OFFICE : #601, 50, Digital-ro 33-gil, Guro-gu,
   Seoul, Korea, 08377
• TEL : +82-2-6099-3700 • FAX : +82-2-6099-3717
• E-mail : sales@idp-corp.com

IDP Americas, Inc. (Serving the Americas)
• OFFICE : 200 Circuit Drive, North Kingstown, RI 02852
• TEL : +1-401-400-7111 • FAX : +1-401-667-7445
• E-mail : sales.na@idp-corp.com

IDP Middle East
• OFFICE : 13F, Jafza View 18, Downtown Jebel Ali
   P.O.Box 17588, Dubai - U.A.E.
• TEL : +971-4-889-5900
• E-mail : manupark@idp-corp.com

IDP iDP