



Single Sided ID CARD PRINTER

# SMART-51S

SMART 51 Series *is Value for Everyone!*



- Single Sided Mid- Range ID Card Printer
- Fast, Quiet with User Friendly LCD
- Flexible, Upgradeable & Reliable
- FINE™ Imaging Technology
- Lowest Cost per Print
- 3 YEAR WARRANTY



## SMALL TO MID-SIZED BUSINESS SOLUTION FOR RELIABLE SIMPLEX ID CARDS!

IDP's SMART-51S printer will produce full-color or monochrome cards reliably for years. Its time-test design provides high-speed printing, excellent image reproduction and cost savings.

The SMART-51S offers a wide range of optional features including Ethernet, smartcard encoding, and field upgradeable dual and lamination modules.

### For Dual Sided Printing of ID Cards

- Employee ID Cards
- Student ID Cards
- Payment Cards
- Health Cards
- Leisure Resort Pass Cards
- Identification Cards
- Transport Pass Cards
- Loyalty Cards
- Event Cards

### FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 17 sec/card (YMCKO)
- 300dpi with Edge to Edge Printing
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Support of Transparent Cards
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper, Laminator & Ethernet



### ISSUANCE

SMART ID ensures accurate card issuance and data management with your SMART series of printers. This application offers simple design tools to allow the user to create a truly customized card within minutes. SMART ID offers advanced user tools such as database connections, camera and signature scanners plug-in support, as well as smart card reading and encoding.

- Design and print (Image, Photo and Text)
- 1D & 2D Barcode printing
- Auto portrait (Auto face detection, adjustment of size & position)
- Printing of sequential numbers
- Card design templates
- Plug-in for supporting external devices (Sign pad, Camera, Scanner)
- Convenient card issuance and data management
- Magnetic stripe (MS), contact & contactless smart card encoding by using plug-in program



### SECURITY

The SMART series printers come with highly effective and tested physical and electronic security features.

- PASSWORD verification with administrator and user authentications
- PC AUTHENTICATION locks the SMART printer to a specific PC to render it useless if stolen
- DATA ENCRYPTION over USB and SSL (secure socket layer) over Ethernet
- PHYSICAL LOCKS are standard on the SMART-70 and an optional feature on the SMART-51 Series




### NETWORKING














The SMART series offers "single-wire" printing and encoding.

- The SMART Ethernet module can not only print over your network, but can also be configured to encode magnetic stripes, contact IC chips and contactless smart cards over your network
- The SMART Ethernet module can be configured to accept "open card protocol" print commands for direct printing without a driver

**Specifications**

PRINTING		SYSTEM	
• Print Type	Dye-Sublimation	• Memory	64MB RAM
• Print Area	Edge to Edge	• Display	2 Line LCD
• Resolution	300dpi	• Control Panel	2 LED Buttons
• Dual Sided Printing	Option (with Flipper)	• Supported Platforms	Microsoft Windows 7/8/10, Mac OS, Linux
<b>CARD</b>		• Communication	USB, Ethernet (Option)
• Card Feeding	Automatic	• Power Supply	Free Voltage (AC100/220V, 50~60Hz)
• Card Size	ISO CR80 or ISO CR79 (Option-Factory Installed)	• Power Consumption	48W
• Card Thickness	0.38mm (15mil), 1.0mm (40mil)	• Temperature/Humidity	15~35°C/35~70%
• Card Type	PVC, PET, Composite PVC	<b>DIMENSIONS</b>	
<b>PRINT SPEED</b>		• Millimeter (WxLxH)	165 x 390 x 210
• Monochrome	5 sec./card (720 cards/hour)	• Inch (WxLxH)	6.5 x 15.4 x 8.3
• YMCKO	Max. 17 sec./card (200 cards/hour)	<b>WEIGHT</b>	
<b>CAPACITY</b>		• Kg/lbs	4.5/10
• Input Hopper	100 / 200 cards with cover open	<b>ENCODING OPTIONS</b>	
• Output Hopper	Front: 40 cards / Rear: 100 Cards *Optional Rear-Side Stacker	• Magnetic	ISO7811 (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
<b>CERTIFICATIONS</b>			

**Consumables**

COLOR RIBBONS		659366 YMCKO		659380 YMCFKO		659378 HYMCKO											
		Full Color Ribbon with Resin Black & Overlay		Full Color Ribbon with UV Panel, Resin Black and Overlay		Half Panel Size Color Ribbon with Resin Black and Overlay											
																	
250 Cards/Roll		200 Cards/Roll		350 Cards/Roll													
MONO RIBBONS		659385 KO		659367 K		659370 W		659372 B		659371 R		659374 MG		659373 MS		659375 SO	
		Black with Overlay		Black		White		Blue		Red		Metallic Gold		Metallic Silver		Scratch-Off	
																	
600 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll		1200 Cards/Roll	



Specifications and availability may change without notice.

**Part Numbers:**

SMART-51S	651398
SMART-51SN (Eth)	651404

Contactless Enc. (USB)	651360
Contactless Enc. (Eth)	651362
Contact IC Enc.	651359
Mag Encoding	651356

Add "K" to any printer part number for a kit (1 YMCKO Ribbon, 1-100pk Cards, & 1 Long Cleaning Card)

**IDP Corp., Ltd.**

OFFICE: Room 601m 50, Digital-ro 33-gil, Guro-gu, Seoul, 152-742, Korea  
 TEL: +82-2-6099-3700  
 FAX: +82-2-6099-3717  
 E-MAIL: sales@idp-corp.com

**IDP Americas, Inc.**

OFFICE: 200 Circuit Drive, North Kingstown, RI 02852  
 TEL: +1-401-400-7111  
 FAX: +1-401-667-7445  
 EMAIL: sales.na@idp-corp.com