



Single Sided ID CARD PRINTER

SMART-51S

SMART 51 Series



- Single Sided Mid- Range ID Card Printer
- Fast, Quiet with User Friendly LCD
- Flexible, Upgradeable & Reliable
- FINE™ Imaging Technology
- Lowest Cost per Print
- Best In-Class Warranty*
(See backside for details)



Rugged Construction, Simple to Operate

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

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



FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 17 sec/card (YMCKO)
- 300dpi (color), 600, 1200dpi (mono only)
- 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

Printing Applications:

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



New WiFi Option!



Issuance

SMART IDesigner 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 IDesigner 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
- Ethernet - SNMPv3



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

SMART-51S

Specifications

PRINTING		SYSTEM	
• Print Type	Dye-Sublimation	• Memory	64MB RAM (additional 4GB with gender board)
• Print Area	Edge to Edge	• Display	2 Line LCD
• Resolution	300dpi (color), 600, 1200dpi (mono only)	• Control Panel	2 LED Buttons
• Dual Sided Printing	Option (with Flipper)	• Supported Platforms	Microsoft Windows 7/8/10, Mac OS, Linux
CARD		• Communication	USB, Ethernet SNMPv3 (option), WiFi (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	DIMENSIONS	
PRINT SPEED		• 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)	WEIGHT	
CAPACITY		• Kg/lbs	4.5/10
• Input Hopper	100 / 200 cards with cover open	ENCODING OPTIONS	
• 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
		CERTIFICATIONS	

Consumables



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)



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***Warranty:** IDP printers and options are warranted against manufacturer defects for up to 3 years and print heads for up to 2 years with unlimited prints. Additionally, IDP offers a 3-Year Advance Exchange warranty within the continental USA. Contact IDP for more details.