Single Sided ID CARD PRINTER
SMART-51S

SMART 51 Series *is Value for Everyone!*

COLOR | MONO | UV UV | Dual Side

- 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

DM2 Digital Media Management

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ART DIRECTOR

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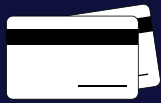
The SMART-51S offers a wide range of optional features including Ethernet, smartcard encoding, and field upgradeable dual and lamination modules.

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

• Print Type	Dye-Sublimation
• Print Area	Edge to Edge
• Resolution	300dpi
• Dual Sided Printing	Option (with Flipper)

CARD

• Card Feeding	Automatic
• Card Size	ISO CR80 or ISO CR79 (Option-Factory Installed)
• Card Thickness	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 (200 cards/hour)

CAPACITY

• Input Hopper	100 / 200 cards with cover open
• Output Hopper	Front: 40 cards / Rear: 100 Cards *Optional Rear-Side Stacker

SYSTEM

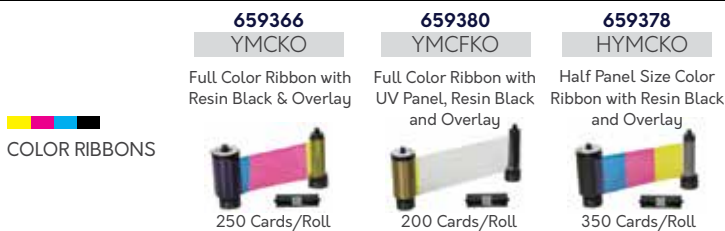|	
• Memory	64MB RAM
• Display	2 Line LCD
• Control Panel	2 LED Buttons
• Supported Platforms	Microsoft Windows 7/8/10, Mac OS, Linux
• Communication	USB, Ethernet (Option)
• Power Supply	Free Voltage (AC100/220V, 50~60Hz)
• Power Consumption	48W
• Temperature/Humidity	15~35°C/35~70%

DIMENSIONS

• Millimeter (WxLxH)	165 x 390 x 210
• Inch (WxLxH)	6.5 x 15.4 x 8.3

WEIGHT

• Kg/lbs	4.5/10

ENCODING OPTIONS

• 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

CB CE FC K C

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

210mm(8.3inch) — 165mm(6.5inch) — 390mm(15.4inch)

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

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