Dual Sided ID CARD PRINTER
SMART-**51D**

COLOR | MONO | UV U V | Dual Side

- **Dual 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)

EMPLOYEE IDENTITY CARD

KINGSTOWN MEDICAL

Diane Smith
Nurse Practitioner
Employee ID: 9876524-25
Issued: 8/10/2018

21 00 2 25 05 | 5 6 8 000 00 11 04 6 85 5

Security Office: 200 Circuit Drive, North Kingstown RI 02852

Small Mid-Sized Business Solution for Reliable Duplex ID Cards

IDP's SMART-51D 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-51D offers a wide range of optional features including Ethernet, smartcard encoding, and a field upgradeable lamination module.

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
- **Single or Dual Sided Printing**
- **Print Speed: Max. 22 sec/card (YMCKOK)**
- **300dpi (color), 600, 1200dpi (mono only)**
- **Edge to Edge Printing**
- **51S Field Upgradable to 51D**
- **2 Lines LCD with 2 LED Buttons for Front Operation**
- **Low Cost Security with UV Printing**
- **Installable Encoders: MS, Contact & Contactless**
- **Upgradable Modules: Laminator & Ethernet**

New WiFi Option!

Issuance

SMART IDesigner ensures accurate card issuance and data management with your SOLID 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 SOLID 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 SOLID-510 Series
- Ethernet - SNMPv3

Networking

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

- The SOLID 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 SOLID 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 (color), 600, 1200dpi (mono only)
•	Dual Sided Printing	Dual Sided Printing

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 (212 cards/hour)
•	YMCKOK	Max. 22 sec./card (164 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 (additional 4GB with gender board)
•	Display	2 Line LCD
•	Control Panel	2 LED Buttons
•	Supported Platforms	Microsoft Windows 7/8/10, Mac OS, Linux
•	Communication	USB, Ethernet SNMPv3 (option), WiFi (option)
•	Power Supply	Free Voltage (AC100/220V, 50~60Hz)
•	Power Consumption	48W
•	Temperature/Humidity	15~35ºC/35~70%

DIMENSIONS

•	Millimeter (WxLxH)	165 x 498 x 210
•	Inch (WxLxH)	6.5 x19.6 x 8.3

WEIGHT

•	Kg/lbs	5.2/11.5

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 DESIRE, iCLASS

CERTIFICATIONS

CB CE FC [c C (UL) LISTED

Consumables

COLOR RIBBONS

659592 YMCKO	659593 YMCKOK	659594 YMCFKO	659595 HYMCKO
Full Color Ribbon with Resin Black & Overlay	Full Color Ribbon with Resin Black & Overlay & Black for Back Side	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	200 Cards/Roll	350 Cards/Roll

165mm(6.5inch)
498mm(19.6inch)
210mm(8.3inch)

MONO RIBBONS

659606 KO	659596 K	659599 W	659600 B	659601 R	659597 MG	659598 MS	659602 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

Specifications and availability may change without notice.

Part Numbers:

SMART-51D	651399
SMART-51DN (Eth)	651406
Contactless Enc. (USB)	651360
Contactless Enc. (Eth)	651362
Contact IC Enc.	651359
Mag Encoding	651356

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