



Dual Sided ID CARD PRINTER

SMART-51D

SMART-51 Series *is Value for Everyone!*



- Dual 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 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 with Edge to Edge Printing
- 51S Field Upgradeable to 51D
- 2 Lines LCD with 2 LED Buttons for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradeable Modules: 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 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
- 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 498 x 210
- Inch (WxLxH) 6.5 x 19.6 x 8.3

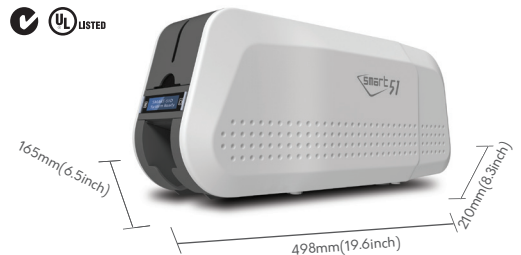
WEIGHT

- 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
DESFIRE, iCLASS

CERTIFICATIONS



Consumables

	659366 YMCKO	659376 YMCKOK	659380 YMCFO	659378 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				
 COLOR RIBBONS								
	250 Cards/Roll	200 Cards/Roll	200 Cards/Roll	350 Cards/Roll				
	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
 MONO RIBBONS								
	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

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

www.idp-corp.com