Dual Sided ID CARD PRINTER
SMART-51D

SMART-51 Series *is Value for Everyone!*

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**
- **3 YEAR WARRANTY**

TELEFLEX CORP.

JOHN ANDERSEN
PROJECT MANAGER

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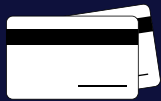
The SMART-51D offers a wide range of optional features including Ethernet, smartcard encoding, and a field upgradeable lamination module.

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 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**

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), 0.76mm (30mil)
- 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 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 DESFIRE, iCLASS

CERTIFICATIONS

CB CE FC IC C UL LISTED

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

Consumables

	659366 YMCKO	659376 YMCKOK	659380 YMCFKO	659378 HYMCKO
COLOR RIBBONS	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

	659385 KO	659367 K	659370 W	659372 B	659371 R	659374 MG	659373 MS	659375 SO
MONO RIBBONS	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

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

IDP

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