# smart 51S

## Single Sided
## ID Card Printer



**ESTELLE DARCY**
Assistant Manager
+123-456-7890
www.reallygreatsite.com
hello@reallygreatsite.com

## Rugged Construction, Simple to Operate

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.

## SMART-51 Series

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

## 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
- Optional Top-Side Mag Encoder
- Optional UV Security Printing
- Optional Mag, Contact & Contactless Encoders
- Optional Upgrades to Dual Side, Lamination & Ethernet

## 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 a 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 a magnetic stripe, 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

## IDP

## Printing

| | |
|---|---|
| Print Type | Direct to Card / Dye-Sublimation |
| Print Area | Edge to Edge |
| Resolution | 300dpi (color), 600, 1200dpi (mono only) |
| Dual Sided Printing | Option (with Flipper) |

## Print Speed

| | |
|---|---|
| Monochrome | 5 sec./card (720 cards/hour) |
| YMCKO | Max. 17 sec./card (200 cards/hour) |

## System

| | |
|---|---|
| Memory | 64MB RAM (additional 4GB with gender board) |
| Display | 2 Line LCD |
| Control Pane | 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% |

## Certifications

CB CE FC IK C

## 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 |

## Capacity

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

## 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 |

## Consumables

**Color Ribbons**

| 659366 | 659380 | 659378 |
|---|---|---|
| YMCKO | YMCFKO | 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 |

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

**Mono Ribbons**

| 659385 | 659367 | 659370 | 659372 | 659371 | 659374 | 659373 | 659375 |
|---|---|---|---|---|---|---|---|
| KO | K | W | B | R | MG | MS | 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 |

## IRIS
### RETHINKING IDENTIFICATION

**The IRIS Companies**
www.irisltd.com
info@irisltd.com
(610) 944-8588
901 Park Road, Fleetwood, PA 19522

| | |
|---|---|
| **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)

**www.idp-corp.com**