

# SOLID<sup>LE</sup> 310

## Single Sided ID Card Printer



### Entry-Level Simplex ID Card Printer for Small Organizations

IDP's easy to use SOLID-310S LE printer will produce full-color or monochrome cards reliably for years. Its time-tested design provides robust printing speeds, excellent image reproduction and cost savings.

The SOLID-310S LE offers a wide range of optional features including Ethernet, smartcard encoding, and ultra violet (UV) printing. Now small businesses can afford to produce their own ID Cards.

- Single Sided Entry-Range ID Card Printer
- Small and Light Weight (7.5 lbs)
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- Best In-Class Warranty\* (See backside for details)

### Features

- Color & Mono Single Side Printing
- Print Speed: Max. 20 sec/card (YMCKO)
- 300dpi with Edge to Edge Printing
- 31S Field Upgradable to 31D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Optional Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper & Ethernet



### 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 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 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 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 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



**IDP**

*IdentiSys*

## Printing

Print Type	Dye-Sublimation
Print Area	Edge to Edge
Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono Only)
Dual Sided Printing	Option (with Flipper)

## Print Speed

Monochrome	5 sec./card (720 cards/hour)
YMCKO	Max. 20 sec./card (180 cards/hour)

## System

Memory	64MB RAM
Display	1 LED Button
Supported Platforms	Microsoft Windows 2000/2003/XP/Vista/7/8/10, Mac OS, Linux
Communication	USB, Ethernet (Option)
Power Supply	Free Voltage (AC100/200V, 50~60Hz)
Power Consumption	48W
Temperature/Humidity	15~35°C/35~70%

## Certifications

CB CE FCC ENEC

## Card

Card Feeding	Automatic
Card Size	ISO CR80 (54mm x 86mm/2.12" x 3.38")
Card Thickness	0.38mm (15mil), 0.76mm (30mil)
Card Type	PVC, PET, Composite PVC

## Capacity

Input Hopper	80 cards
Output Hopper	25 cards

## Dimensions

Millimeter (WxLxH)	172 x 377 x 190
Inch (WxLxH)	6.8 x 14.8 x 7.5

## Weight

Kg/lbs	3.4/7.5
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## 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

### 659592-27

YMCKO

Full Color Ribbon with Resin Black & Overlay



250 Cards/Roll

### 659594-27

YMCCKO

Full-color and UV panel ribbon with cleaning roller



200 Cards/Roll

### 659595-27

HYMCKO

Half-Panel Color (YMC) and Full-Panel Black and Overlay (KO)



350 Cards/Roll



Mono Ribbons

### 659606-27

KO

Black with Overlay



600 Cards/Roll

### 659596-27

K

Black



1200 Cards/Roll

### 659599-27

W

White



1200 Cards/Roll

### 659600-27

B

Blue



1200 Cards/Roll

### 659601-27

R

Red



1200 Cards/Roll

### 659597-27

MG

Metallic Gold



1200 Cards/Roll

### 659598-27

MS

Metallic Silver



1200 Cards/Roll

### 659602-27

SO

Scratch-Off



1200 Cards/Roll

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