SOLID 510 LE

Single Sided
ID Card Printer

Rugged Construction, Simple to Operate

IDP's SOLID-510S LE 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 SOLID-510S LE offers a wide range of optional features including Ethernet, smartcard encoding, and field upgradeable dual and lamination modules.

SOLID-510 LE Series

- Single 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)

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
- Support of Transparent Cards
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper, Laminator & Ethernet

Issuance

SMART IDesigner ensures accurate card issuance and data management with your SOLID LE 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 SOLID 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 LE 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

IDP IdentiSys

Printing

Print Type	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

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

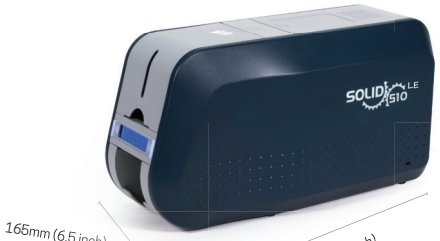
Encoding Options

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

659592-27	659594-27	659595-27
YMCKO	YMCFKO	HYMCKO
Full Color Ribbon with Resin Black & Overlay	Full-color and UV panel ribbon with cleaning roller	Half-Panel Color (YMC) and Full-Panel Black and Overlay (KO)
250 Cards/Roll	200 Cards/Roll	350 Cards/Roll



Mono Ribbons

659606-27	659596-27	659599-27	659600-27	659601-27	659597-27	659598-27	659602-27
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

Distributed by: IdentiSys

7630 Commerce Way
Eden Prairie, MN 55344
888.437.9783 Toll Free
www.identisys.com

*Warranty: IDP printers and options are warranted against manufacturer defects for up to 3 years and print heads for up to 2 years with unlimited prints. Additionally, IDP offers a 3-Year Advance Exchange warranty within the continental USA. Contact IDP for more details.