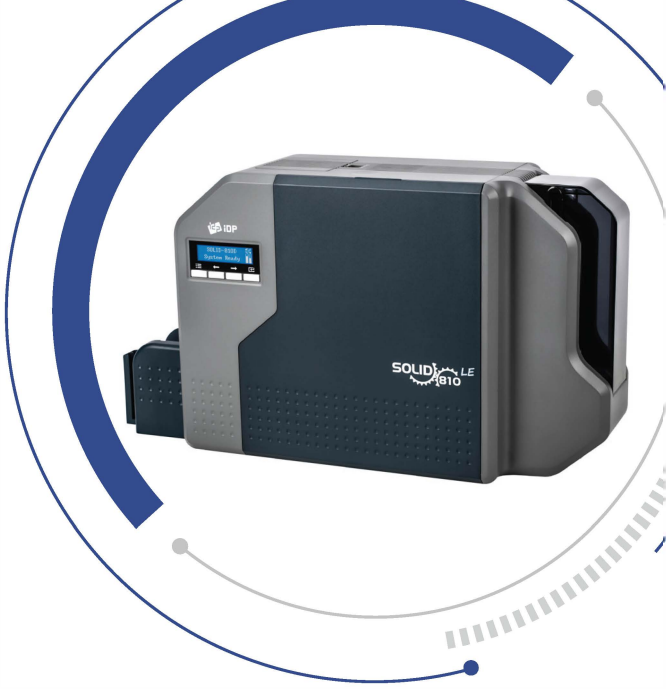
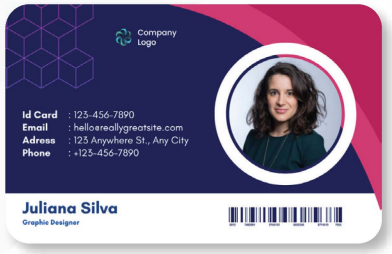
SOLID 810 LE



Print now.
Print More.



New Trusted Identity Begins

SOLID-810S LE is a new-generation retransfer card printer that offers the industry's fastest issuance speed. IDP's innovative retransfer heating technology- Rapid Retransfer Printing technology or "RRP" provides the fastest "Ready to Print" metric in the industry. No more waiting several minutes for your outdated retransfer printer to heat up.

RRP technology from IDP offers power-on and Ready to Print in only seconds. The SOLID-810 LE produces higher quality, sharper-looking images than traditional card printers. It is the perfect choice for demanding applications that require deep dark colors with infinity-edge (full-bleed) graphics on blank or technology cards.

The input card hopper holds up to 200 cards and physical security features allow you to secure your printer, its supplies, and ejected cards in instant bank card issuance or high-security applications.

Features

- The FASTEST Boot-up speed
- High Volume Capacity (200 cards)
- Infinity Edge Printing Quality
- Stress-free Anti-dust circulation
- Advanced Security Compliant
- Robust & Innovative Product design

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 a 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 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 a magnetic stripe, 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 / Resin Thermal Retransfer
Print Area	Single-Sided
Resolution	300dpi

Print Speed

YMCK	Max. 25 sec./card (144 cards/hour)

System

Display	2 Line Graphic LCD Indicator / 4 Buttons
Supported Platforms	Microsoft Windows 2000/2003/XP/Vista/7/8/10, Mac OS, Linux
Communication	USB, Ethernet (Option)
Power Supply	100-240V~ 50/60Hz 2.5A
Temperature/Humidity	15~35ºC/35~70%

Certifications

CB CE FC

Card

Card Feeding	Automatic
Card Size	ISO CR80 (54mm x 86mm/2.12" x 3.38")
Card Thickness	0.76mm (30mil) ~ 1.6mm (64mil)
Card Type	PVC, PET, Composite PVC

Capacity

Input Hopper	200 Cards
Output Hopper	100 Cards

Dimensions

Millimeter (WxDxH)	460 x 224 x 310
Inch (WxDxH)	18.1 x 8.8 x 12.2

Weight

Kg/lbs	11.4 / 25.13

Encoding Options

Magnetic	ISO 7811 (Track I, II, III Read/ Write, HiCo/ LoCo)
Contact	ISO 7816 (ID-1)
Contactless	ISO 14443 (Type A/ B), ISO 18092(NFC), MIFARE, DESFIRE
Security	Physical & Electronic Locking System

Consumables

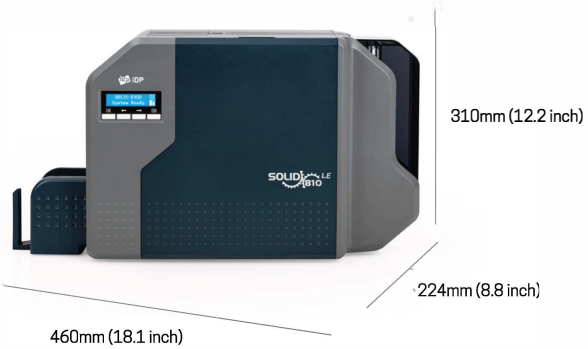
Color Ribbons

653548-27
YMCK
SOLID-810 YMCK / Ribbon / & Retransfer Film Pack
500 Cards/Roll

653550-27
YMCKK
Full Color Ribbon with Resin Black & Resin Black for Back Side (no film included)
500 Cards/Roll

Retransfer Film

653551-27
Retransfer Film
Retransfer INTM Film (no ink included)
500 Cards/Roll



Distributed by: IdentiSys

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SOLID-810S LE	653534-27
Contactless Enc. (USB)	653540
Contact IC Enc.	653539
Mag Encoding	653538
YMCK (retransfer film pack)	653548
YMCKK (no film included)	653550
Retransfer INTM Film	653551
Clear 1mil Laminate Film	TBD
Celestial Hologram 1 mil Film	TBD
Clear IC Chip, 1mil Film	TBD

*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.