

Improvement of Print Speed

Enhanced FINE™ Imaging Technology

300, 600 & 1200dpi Printing Resolution

New Input Hopper

Removable Output Hopper

Support of Transparent Cards

Support of CR79 Cards

Front-Side Mag Encoding

All-in-One type Lock System



Endeavor for Perfection

IDP's new SOLID-510 is the next generation of its mid-range ID Card Printer platform. The SOLID-510 inherits the most successful and proven elements of the SOLID-500 series – IDP's longest running ID Card Printer. Enhancements to the SOLID-510 include careful selection of highly reliable parts, the application of a new state-of-the-art CPU and application specific features for unique projects.

The new SOLID-510 offers an upgrade path from single side printing (510S), to dual side printing (510D), and to dual side printing with lamination (510L).

The SOLID-510L also uses IDP's patented Direct Lamination which is the industry's first adoption of direct lamination technology to drastically reduce heat-up time, save energy, and optimize the application of laminate to the card.

Performance - Essence of Card Printer

The core spirit of a card printer is its print quality, print speed and stability. IDP's new SOLID-510 card printer increases print speeds up to by 10%, enhances print quality by optimizing precise ribbon movement, and provides faster processing speed by utilizing a new powerful CPU.



EASY ISSUANCE

SOLID Applications ensure proper card issuance and data management with SOLID series printers at no extra cost.

- Design and Print (Images, Photos, Texts, etc.)
- 1D & 2D Barcode printing
- Auto portrait
- (Auto face detection & adjustment of size & position)
- Card design templates
- Plug-in for supporting external devices
- Convenient issuance of cards and data management
- Magnetic stripe (MS), contact & contactless smart card encoding by using plug-in program



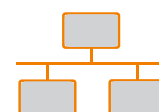
SECURITY

SOLID series provides effective security features for access control and data encryption.

SOLID series has a password verification function to provide administrator and user authentications.

SOLID series can set a specific authorized PC for encoding and printing cards.

SOLID series can encrypt data transmitted on USB and can support SSL (Secure Socket Layer) protocol on ethernet communications.



NETWORKING

SOLID series can utilize the network printer server for encoding and printing cards.

SOLID Ethernet module can not only print cards but also encode MS, contact and contactless smart card through the network.

SOLID Ethernet module has OCP(Open Card Print) protocol which can encode and print cards by using commands on multiple platforms without installing the printer driver.

Available encoding the contact & contactless smart card by Ethernet.

SSARP ID SOLUTIONS PVT. LTD.

G-228, First Floor, Ghazipur Village, New Delhi-110096, India

Contact - 97736-59028,

ssarpid@gmail.com



SSARP★ID

PRINTING

- Print Type Dye-Sublimation
- Print Area Edge to Edge
- Resolution 300dpi (Color & Mono), 600 & 1200dpi (Mono only)
- 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), 1,0mm (40mil)
- Card Type PVC, PET, Composite PVC

PRINT SPEED

- Monochrome 5 sec./card (720 cards/hour)
- YMCKO Front-in & Front-out : Max, 17 sec./card (212 cards/hour)
Front-in & Back-out : Max, 16 sec./card (225 cards/hour)
- YMCKOK Max, 22 sec./card (164 cards/hour)

CAPACITY

- Input Hopper 100 cards / 200 cards with cover open
- Output Hopper Front : 40 cards / Back : 100 cards (Optional Back-side Stacker)

SYSTEM

- Memory 64MB RAM
- Display & Button 2 Line LCD / 2 LED Buttons
- Supported Platforms Microsoft Windows 7/ 8/ 10, Mac OS, Linux
- Communication USB, Ethernet (Option)
- Power Free Voltage (AC100/ 240V, 50~60Hz) / 48W
- Temperature/Humidity 15~35 °C / 35~70%
- Security Physical Lock & Kensington Lock (Option)

DIMENSIONS / WEIGHT

- Millimeter (WxLxH) 165 x 498 x 210
- Inch (WxLxH) 6,5 x 19,6 x 8,3
- 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**SSARP ID SOLUTIONS PVT. LTD.**

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✉ ssarpid@gmail.com



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