We print value for your life !

**SOLID 810**

PRINT NOW. PRINT MORE.

# High-Speed Retransfer Card Printer

SOLID 810

SOLID-810D
System Ready

# New Trusted Identity Begins

SOLID-810 is a new generation retransfer card printer that offers the fastest issuance speed in the industry. 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 out-dated retransfer printer to heat up.

RRP technology from IDP offers power-on and Ready to Print in only seconds.
The SOLID-810 produces higher-quality, sharper-looking images than traditional card printers. It is the perfect choice for demanding applications which 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 easily secure your printer, its supplies, and ejected cards in instant bank-card issuance or high-security applications.

**Innovative Retransfer Head Heating Control**
- Heat up & Print ready in only seconds

**Glossy, Superior high resolution**

**Intelligent Anti-dust circulation**

**Complies with International Banking Instant Issuance Security Standards**
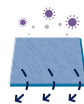- Physical & Electronic Locking system
- Secured bolt-down fixture

**The FASTEST Boot-up speed**

**200 CARDS**
**High Volume Capacity**

**Infinity Edge Printing Quality**

**Stress-free Anti-dust circulation**

**Advanced Security Compliant**

**Robust & Innovative Product design**

## PRINT NOW. PRINT MORE.
### Still waiting for printer boot-up?

**No more waiting, save your precious time** - SOLID-810 gives you the fastest issuance speed and allows you to experience simultaneously power-on and print in only seconds unlike the traditional retransfer card printers which take several minutes.

Innovative retransfer head heating control technology creates more sharp-looking images and text quality every time.

**Perfect printing on embedded chip cards** - SOLID-810 can print graphical card design right to the edges even on smart cards with uneven surfaces.
It's the ideal choice for customers that demand more functionality and high security such as government, bank, education, and healthcare.

## FORGET ABOUT DUST & THEFT.
### Extend your card printer life

**Intelligent anti-dust circulation -** Designed with fine dust filter and disposable cleaning roller to help flawless printing quality by removing dust and other particles.

An Intelligent air circulation structure effectively controls the temperature in the printer during continuous card issuance.

**Advance security compliant -**SOLID-810 prevents theft and counterfeiting of sensitive financial resources.
It is equipped with a physical and electronic locking integration system that complies with the *International Banking Instant Issuance Security Standards*.
Additionally, a secured bolt-down fixture supports high-level security ID card demands.
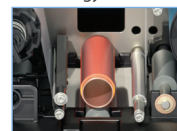
**IDP**

- Intelligent **Anti-dust circulation**

- **Fastest Boot-up speed**
  & User-friendly Graphical Interface LCD

- **Internal Flipper Mechanism**
  & Error card Bin

- **Rapid Retransfer Printing**
  Technology *Patented
  - Printer & Retransfer heat up in only seconds

- **High Volume Capacity**
  - Up to 200 cards

- **Complies with International Banking**
  **Instant Issuance Security Standards**

## SPECIFICATIONS

| Model | | SOLID-810S | SOLID-810D |
|---|---|---|---|
| Printing | Print Type | Dye-Sublimation / Resin Thermal Retransfer | |
| | Print Area | Single-Sided \| Infinity-edge / Full Bleed | Dual-Sided \| Infinity-edge / Full Bleed |
| Card | Resolution | 300dpi | |
| | 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, PC, PET, Composite PVC | |
| Print Speed | Single Side | Max. 25 sec./card (144 cards/hour) | Max. 25 sec./card (144 cards/hour) |
| | Dual Side | - | Max. 43 sec./card (84 cards/hour) |
| Capacity | Input Hopper | 200 Cards | |
| | Output Hopper | 100 Cards | |
| | Error card bin | 25 Cards | |
| System | Memory | 128MB RAM | |
| | Display & Control Panel | 2 Line Graphic LCD Indicator / 4 Buttons | |
| | Supported Platforms | Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux | |
| | Communication | USB, Ethernet | |
| | Power Supply / Consumption | 100-240V~ 50/60Hz 2.5A | |
| | Temperature / Humidity | 15~35℃ / 35~70% | |
| Dimensions | WxDxH (Millimeter / Inch) | 460 x 224 x 310 / 18.1 x 8.8 x 12.2 | |
| | Kg/lbs | 11.4 / 25.13 | |
| Options | Encoding | Magnetic stripes : 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 | |
| | WiFi | IEEE 802.11 a/ b/ g/ n | |
| | Security | Physical & Electronic Locking System | |

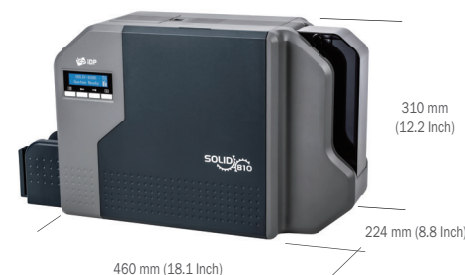- Print Speed : May change under specific condition.

## CONSUMABLES

### RIBBONS

| YMCK | 500 Cards/Roll | Full Color Ribbon with Resin Black |
|---|---|---|
| YMCKK | 500 Cards/Roll | Full Color Ribbon with Resin Black & Resin Black for Back Side |

### RETRANSFER FILM

| Retransfer Film | 500 Cards/Roll |
|---|---|

### RIBBON & FILM PACKAGE

| YMCK & Retransfer Film 500 Cards/Each Roll | Full Color Ribbon with Resin Black & Retransfer Film |
|---|---|

310 mm (12.2 Inch)

224 mm (8.8 Inch)

460 mm (18.1 Inch)

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**CDG** Computer Peripheral and Supplies Ltd.

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*Specifications and availability may change without notice.*

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