



Fast and Reliable ID Card Printer

IDP's new SMART-51 is the next generation of its mid-range ID Card Printer platform. The SMART-51 inherits the most successful and proven elements of the SMART-50 series printer to ensure the reliability. The upgraded SMART-51 will provide the most appropriate card issuance experience.

Faster Card Issuance

SMART-51 is upgraded with 10% faster print speed compared to the former SMART-50 series ID Card Printer.

- Up to 225 cards / hour for single-sided color printing. (YMCKO, Back-side out mode)

Reliable Card Printer

SMART-51 is equipped with the Metal Frame body for the printing engine making sure to maintain long-lasting hardware structure and stable card printing quality.

Security

Optional physical lock can be used to secure the cards in the input hopper, ribbon and laminate film. Kensington lock slot can be equipped as an option.

User-friendly features

- SMART-51 offers a larger card loading capacity up to 200 cards with its cover opened.
- Removable back-side stacker (*Option) can stack up to 100 cards with faster printing speed.
- Field upgradable back-side Flipper (for dual-sided printing) and Laminator (for dual-sided printing & laminating) can be easily installed.
- SMART-51 can print on transparent cards with magnetic stripe.
- Front-side Magnetic stripe encoding is supported.
- The sleek modern appearance of the SMART-51 is a great addition to any desk.

Improvement of Print Speed

Enhanced FINE™ Imaging Technology

New Input Hopper

Removable Output Hopper

Support of Transparent Cards

Cartridge type Laminate Film Loading

Support of CR79 Cards

Top-Side Mag. Encoding

All-in-One type Lock System



smart Series manufactured by IDP Corporation, is a highly engineered dye-sublimation ID Card printer which provides you with maximum efficiency for production of plastic cards in commercial and government applications.

SMART series is designed to support a flexible user environment, which makes it easy to choose the correct printer and save money. You can easily add a flipper or laminator, for dual sided printing or laminating, add various encoders such as magnetic stripe, contact or contactless, and feel confident that IDP's enhanced FINE™ Imaging Technology will produce beautifully printed high-quality cards. The SMART Series is a perfect choice for Employee IDs, Membership Cards, Access Control Badges, Secure Government Credentials, Social Services Cards, and even the instant issuance of Banking Cards.

Please come and experience the flexibility and quality of the SMART series.

FEATURES

• New Input Hopper

200 cards with cover open | 100 cards by default



• Removable - Output Hopper



- Improvement of Print speed
- Enhanced FINE™ Imaging Technology
- State-of-the-art CPU
- Reduced Printing Noise
- All-in-one Lock system (*Option)
- Easy to Handle Laminate Film Cartridge



• Back-side Stacker (up to 100 cards, *Option)



- Top-side Mag. Encoding (*Option)
- Support of Transparent Card
- Support CR79 Type (Factory-installed, *Option)

SPECIFICATIONS

| Model | | SMART-51S | SMART-51D | SMART-51L |
|------------------|----------------------------------|--|---|------------------------------------|
| Printing | Print Type | Dye-Sublimation | | |
| | Resolution | 300dpi / Edge to Edge | | |
| | Dual Side Printing | Option (with Flipper) | Yes | Yes (Flipper Installed) |
| Card | Card Feeding | Automatic | | |
| | Card Size & Thickness | ISO CR80 or ISO CR79 (Option-Factory installed) 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, Simultaneous) | |
| | YMCKOK | - | Max. 22 sec./card (164 cards/hour) | |
| Laminating Speed | Simultaneous (Single Lamination) | YMCK | - | 22 sec./card |
| | | YMCKK | - | 32 sec./card |
| | One by One (Single Lamination) | YMCK | - | 43 sec./card |
| | | YMCKK | - | 53 sec./card |
| Capacity | Input Hopper | 100 Cards / 200 Cards with cover open | | |
| | Output Hopper | Front : 40 Cards / Back : 100 Cards (Optional Back-side Stacker) | | |
| System | Display & Control Panel | 2 Line LCD / 2 LED Buttons | | |
| | Supported Platforms | Microsoft Windows 7 / 8 / 10, Mac OS, Linux | | |
| | Communication | USB, Ethernet (Option) | | |
| | Power Supply | Free Voltage (AC 100/ 220V, 50~60Hz) | | |
| | Power Consumption | 48 | 48 | 96 |
| | Temperature/Humidity | 15~35°C / 35~70% | | |
| | Security | Physical Lock | Input Hopper & Ribbon (Option) / Laminate Film (Option) | |
| Kensington Lock | | Option | | |
| Dimensions | WxLxH (Millimeter / Inch) | 165 x 390 x 210 / 6.5 x 15.4 x 8.3 | 165 x 498 x 210 / 6.5 x 19.6 x 8.3 | 165 x 675 x 210 / 6.5 x 26.6 x 8.3 |
| | Kg/lbs | 4.5 / 10 | 5.2 / 11.5 | 8.8 / 19.4 |
| Encoding Option | Magnetic | ISO 7811 (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 | | |

*Print Speed : May change under specific condition.

CONSUMABLES

COLOR RIBBONS

| Model | Capacity | Color |
|--------|----------------|---|
| YMCKO | 250 Cards/Roll | Full Color Ribbon with Resin Black & Overlay |
| YMCKOK | 200 Cards/Roll | Full Color Ribbon with Resin Black, Overlay & Black for Back Side |
| YMCCKO | 200 Cards/Roll | Full Color Ribbon with UV Panel, Resin Black and Overlay |
| HYMCKO | 350 Cards/Roll | Half Panel Size Color Ribbon with Resin Black and Overlay |

MONO RIBBONS

| Model | Capacity | Color |
|-------|-----------------|--------------------|
| KO | 600 Cards/Roll | Black with Overlay |
| K | 1200 Cards/Roll | Black |
| W | 1200 Cards/Roll | White |
| B | 1200 Cards/Roll | Blue |
| R | 1200 Cards/Roll | Red |
| MG | 1200 Cards/Roll | Metallic Gold |
| MS | 1200 Cards/Roll | Metallic Silver |
| SO | 1200 Cards/Roll | Scratch-Off |

SECURITY FILMS

| Model | Capacity | Color |
|-------|----------------|---------------------|
| HPF | 250 Cards/Roll | Hologram Patch Film |
| CPF | 250 Cards/Roll | Clear Patch Film |

Specifications and availability may change without notice.

IRIS
RETHINKING IDENTIFICATION

The IRIS Companies

www.irisltd.com

marketing@irisltd.com

(610) 944-8588

901 Park Road, Fleetwood, PA 19522