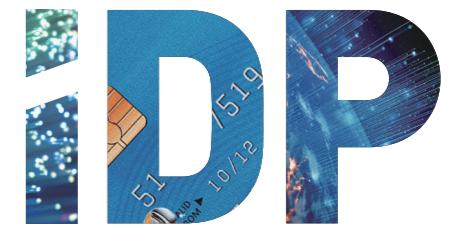


www.idp-corp.com

AN INNOVATIVE ID CARD PRINTER
TECHNOLOGY LEADER

www.idp-corp.com



ID CARD PRINTING
SOLUTION



ID Card Printing Solution

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P.O.Box 17588, Dubai - U.A.E.

TEL: +971-4-889-5900

E-mail: mea@idp-corp.com



02

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03

AN INNOVATIVE ID CARD PRINTER TECHNOLOGY LEADER

IDP, a leading global manufacturer of Plastic Card Printers, is a trusted source to governments, corporations and universities in over 58 countries.

Since 2005, IDP has engaged in the development, design and manufacture of high-performance plastic card printers with the latest mechanical, electronic, and software technology.

Our success has been grounded by our expertise in the industry.

IDP provides a complete range of desktop plastic card printing solution for desktop color printing, security laminating, and for all of the industry's common magnetic, contact, and contactless smart card encoding.

IDP's printers are used everywhere plastic cards are used, such as employee badges, student IDs, payment cards, access control badges, customer membership, loyalty cards and more.

As a pioneer of SMART card printing technology, our goal is to make plastic card printing widely available, offering business leaders the guidance for distributed or centralized printing projects, and to be the future-ready leaders in the industry.

We look forward to working with you.



smart SERIES

04

05

smart SERIES

SMART SERIES : The IDP SMART series card printers are manufactured by IDP Corp., Ltd. They are highly engineered dye-sublimation plastic card printers which provide you with maximum efficiency for production of plastic cards in commercial and government applications.

The SMART Photo ID printers range from valued-based entry-level to feature-rich professional units. Printers are available in single or dual-sided and offer many additional features, including a flipper, lamination modules, ethernet connectivity, and various encoders such as magnetic stripe, contact, and contactless. The enhanced FINE™ Imaging Technology of the SMART series optimizes printer output to reproduce life-like images and color tones.

There is a SMART printer to meet your business needs:

Employee IDs, Banking cards, Membership cards, Access control badges, Government credentials, and much more.



TECHNOLOGY



SOFTWARE

CONVENIENCE

EASY ISSUING



SMART IDesigner makes it easy to design and print professional badges for a multitude of applications. IDesigner allows you to add images, text, barcodes, manage DB and provide state of the art encoding. SMART IDesigner ensures appropriate card issuance and data management with our SMART series printers. IDesigner offers a simple wizard and templates for convenient and instant card design.

- _ Design and print (Image, Photo and Text)
- _ 1D, 2D & QR Code Barcode printing
- _ Auto portrait (Auto face detection, adjustment of size & position)
- _ Printing of sequential numbers
- _ Card design templates

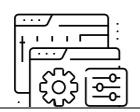
- _ Plug-in for supporting external devices (Sign pad, Camera, Scanner)
- _ Convenient card issuance and data management
- _ Magnetic stripe (MS), contact & contactless smart card encoding by using plug-in program

SMART IDesigner is included free with the purchase of a SMART Series Card Printer.



TECHNOLOGY

- _ Crystal clear printing with IDP's exclusive FINE™ Imaging Technology
- _ Instant direct heating laminaton - fastest laminator technology in the industry *Patent
- _ Rapid Retransfer Printing Technology *Patent
- _ Field upgradeable options for dual sided printing and laminating
- _ Field upgradeable encoders for magnetic stripe, contact and contactless smart cards
- _ Automatic ribbon recognition and no need for calibration motor
- _ Eco-friendly rewritable printing (SMART-31R & 21R)
- _ 500 cards input hopper and scratch free feeding and exiting (SMART-70) *Patent
- _ High-durability: Ruggedized metal frame and shafts, steel ball bearings (SMART-51, 70 & 81)



SOFTWARE

- _ SMART SDK, to develop customized applications
- _ SMART Utilities, to check working states and adjust configurations
- _ SMART IDesigner for designing and issuing cards
- _ On-line life-time technical support



CONVENIENCE

- _ User-friendly design for desktop environment
- _ LCD & LED for status display of printer
- _ Easy Thermal Print Head (TPH) replacement
- _ Front input and output hoppers (SMART-31 & 51)
- _ Drop-in ribbon cartridge (SMART-21, 31 & 51)
- _ Full modular design (SMART-70)
- _ Drawer type ribbon cartridge (SMART-70 & 81)

HIGH SECURITY



SMART Series provides effective physical and electronic security features for access control and data encryption.

PC Authentication Data Encryption Password Physical Lock

- _ SMART series has a password verification function to provide administrator and user authentications.
- _ SMART series can set a specific authorized PC for encoding and printing cards.
- _ SMART series can encrypt data transmitted on USB and can support SSL (Secure Socket Layer) protocol on ethernet communications.
- _ SMART-51, 70 & 81 series are equipped with a Physical lock and Kensington lock system on the printer or each module to increase security.

POWERFUL NETWORKING



SMART Series can utilize the network printer servers for encoding and printing cards.

SSL (Secure Socket Layer)

- _ SMART Ethernet module can not only print cards but also encode MS, Contact and Contactless smart card through the network.
- _ SMART 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.

* App developed by OCP (Open Card Print) on Android or iOS mobile device





06

07



smart-81

RETRANSFER ID CARD PRINTER

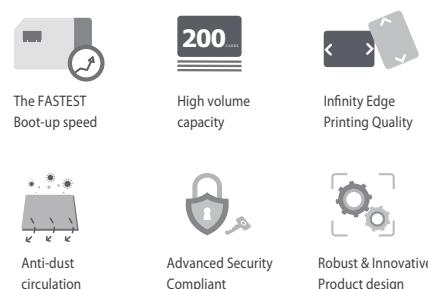
- _ Single or Dual Sided Printing
- _ Fastest Boot-up speed
- _ Print Speed: Max. 25 sec./card (YMCK) | 43 sec./card (YMCKK)
- _ Infinity Edge Printing Quality
- _ High Volume Input hopper (up to 200 cards)
- _ Intelligent Anti-dust circulation
- _ User-friendly Graphical Interface LCD
- _ Internal Flipper Mechanism
- _ Physical & Electronic Locking system
- _ Robust & Innovative Product design

SMART-81 is a new generation retransfer card printer that offers the fastest production speed in the industry.

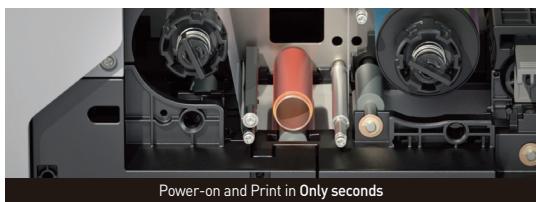
IDP's innovative retransfer heating technology- Rapid Retransfer Printing technology or "RRP" provides the fastest "Ready to Print" metric in the industry. No more waiting several minutes for your out-dated retransfer printer to heat up. RRP technology from IDP offers power-on and Ready to Print in only seconds.

The SMART-81 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.

NEW TRUSTED IDENTITY BEGINS



1 RAPID RETRANSFER PRINTING TECHNOLOGY *Patented



2 INTERNAL FLIPPER MECHANISM & ERROR CARD BIN



PRINT NOW. PRINT MORE.

No more waiting, save your precious time - SMART-81 gives you the fastest production speed and allows you to experience simultaneously power-on and print in only seconds unlike the traditional dye-sublimation 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 - SMART-81 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.

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.

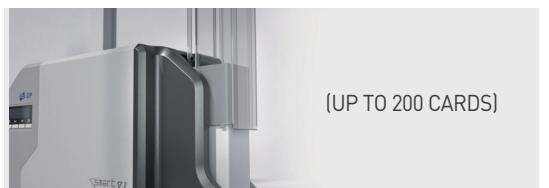
Advanced security compliance -SMART-81 prevents theft and counterfeiting of sensitive financial resources. It is equipped with a physical and electronic locking integration system that complies with the **International Banking Instant Issuance Security Standards**.

Additionally, a secured bolt-down fixture supports high-level security ID card demands.

ADVANCED SMART-81 LAMINATOR



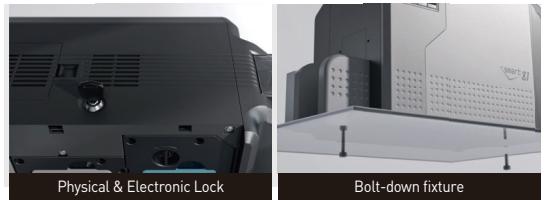
3 HIGH VOLUME CAPACITY INPUT HOPPER



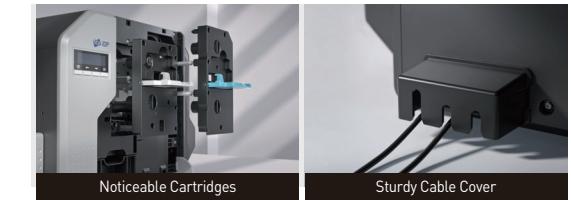
4 INTELLIGENT ANTI-DUST CIRCULATION



5 ADVANCED SECURITY PHYSICAL & ELECTRONIC LOCKING SYSTEM (*option)



6 INNOVATIVE DESIGN ROBUST & USER FRIENDLY





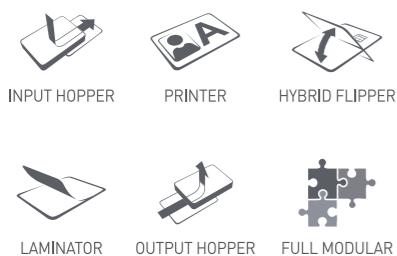
08

09

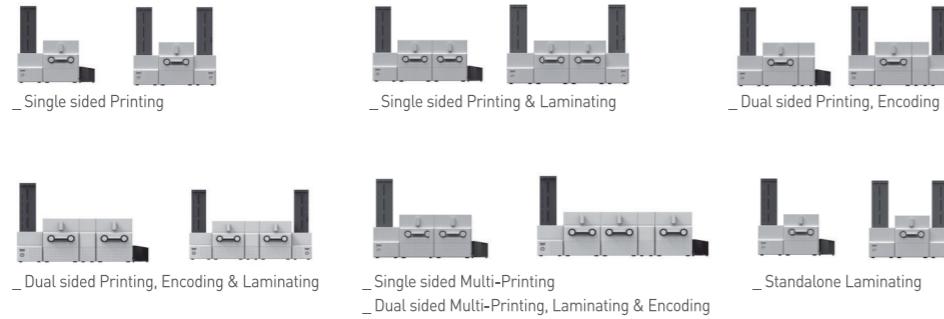
The SMART-70 is a high-performance large capacity ID card printer designed with a unique modular concept that can support various printer configurations to meet the users needs. As seen below, each module is a separate component that is easily attached and synchronized to deliver the perfectly printed and or laminated card. Ideal applications include University ID's, student badging, secure credentials, access control badges, school photography, K12 school IDs, print bureaus, loyalty cards, and more. Virtually any application where the user demands high capacity and high speed printing are well suited to the SMART-70 Series.

Specialty applications such as duplex monochrome, scratch-off personalization, and ultra-high speed (9.9sec YMCKO) can be accommodated with IDP's SMART-70 Dual Printer configuration.

TAILOR-MADE MODULAR DESIGN, ULTIMATE ID CARD PRINTER SOLUTION



SCALABILITY



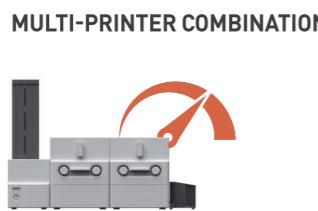
JUST CONNECT
EACH MODULE
AND SYNCHRONIZE



9.9 SEC
364 cards/hour
Partial Area Printing(YMCKO)

12.5 SEC
288 cards/hour
Full Area Printing(YMCKO)

* For Single sided Partial area or Full area Color Printing

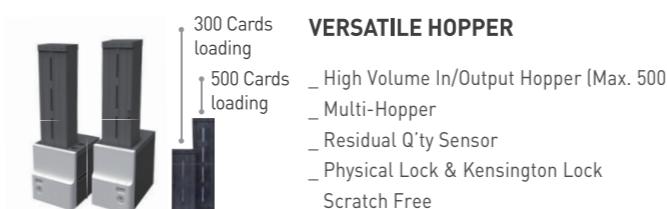


FEATURES



- ① Large Capacity Max. 500cards
 - _ Scratch Free
 - _ Hook for Card-In
 - _ Residual Q'ty Sensor
 - _ Near empty & empty alert notifications
 - _ High Durability / Indicator LED
 - _ LCD & Button / Indicator LED
 - _ Physical Lock & Kensington Lock
- ② High Speed Printing
 - _ Max. 1,000 cards/h (Mono), Max. 225 cards/h (YMCKO)
 - _ Enhanced FINE™ Imaging Technology
 - _ Drawer type ribbon cartridge
 - _ Installable MS & Contactless Encoder
 - _ LCD & Button / Indicator LED
 - _ High Durability
 - _ Physical Lock & Kensington Lock
- ③ Installable Encoding modules
 - _ Contact & Contactless Smartcard Encoder
 - _ Card Flipper
 - _ High Durability / Indicator LED
 - _ Error Card Bin* (Max. 30 cards)
 - _ Physical Lock & Kensington Lock
- ④ No warming-up time
 - _ Instant direct heating mechanism
 - _ Scratch Free
 - _ Residual Q'ty Sensor
 - _ Full Space alert notifications
 - _ High Durability
 - _ Indicator LED
 - _ Physical Lock & Kensington Lock
- ⑤ Large Capacity Max. 500 cards
 - _ Scratch Free
 - _ Residual Q'ty Sensor
 - _ Physical Lock & Kensington Lock
- ⑥ Max. 100 cards

* If encoder or scanner options are not selected, Error card bin will be provided.



VERSATILE HOPPER

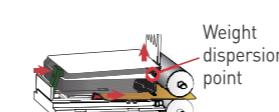
- _ High Volume In/Output Hopper (Max. 500)
- _ Multi-Hopper
- _ Residual Q'ty Sensor
- _ Physical Lock & Kensington Lock
- _ Scratch Free



STAND-ALONE LAMINATOR

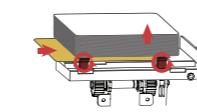
TURN ON AND
JUST LAMINATION NOW!

No Need For Device Driver or PC



INPUT HOPPER

To disperse the weight of the stacked cards, the card mallet pushes cards to the weight dispersion point and the lowest card is drawn out by hook. This process prevents the stacked cards from making scratches on the lower card's surface.



OUTPUT HOPPER

When a card is put in the output hopper, to protect the card's surface, the loaded cards are raised by the support beam which is operated by the internal CAM.



HIGH DURABILITY

METAL FRAME



METAL SHAFT & ALL BEARING



10

11

Born from the successful SMART-50 Series, the SMART-51 is the latest generation mid-range card printer. The Series is a great option for mid-to-high volume printing of ID cards identity badges, access passes and more. The SMART-51 Series offers field upgradeable options for dual sided printing, encoding, and the industry's fastest plastic card laminator. Laminating with the SMART-51L extends the life of your cards as well as increasing the card's security. Clear, generic and custom hologram laminates are available. The SMART-51 is the ONLY printer in its class with a ruggedized metal frame.

IDEAL SOLUTION FOR PRINTING HIGH-QUALITY ID CARDS IN MOMENTS

- NEW INPUT HOPPER [UP TO 200 CARDS LOADING]
- REMOVABLE OUTPUT HOPPER
- SUPPORT OF TRANSPARENT CARDS
- CARTRIDGE TYPE LAMINATE FILM LOADING
- SUPPORT CR79 CARDS [*OPTION]

- _ TOP-SIDE MAG. ENCODING
- _ ALL-IN-ONE TYPE LOCK SYSTEM [*OPTION]
- _ SINGLE CARD FEEDER [*OPTION]
- _ KENSINGTON LOCK [*OPTION]
- _ REAR-SIDE STACKER [*OPTION]
- _ ETHERNET, WIFI [*OPTION]



Single-sided SMART-51(51S) can be field upgraded to a dual-sided printer(51D) or to a dual-sided laminating printer(51L) by installing a Flipper module or a Laminator module. The SMART-51 Laminating printer is a good option for printing and laminating in one step to produce high-security long-life ID

cards with customizable security patch films. With IDP's patented Direct Lamination technology, the SMART-51L is the industry's fastest "Ready to Print" laminator. In only 8 seconds, IDP's laminator is ready to print and laminate your highly secured cards.

smart-51S

SINGLE SIDED ID CARD PRINTER



- _ Single Sided Printing
- _ Print Speed: Max. 17 sec./card (YMCKO)
- _ 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- _ Installable Encoders: MS, Contact & Contactless
- _ Upgradable Modules: Flipper, Laminator

smart-51D

DUAL SIDED ID CARD PRINTER



- _ Single or Dual Sided Printing
- _ Print Speed: Max. 22 sec./card (YMCKOK)
- _ 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- _ 51S Field Upgradable to 51D
- _ Installable Encoders: MS, Contact & Contactless
- _ Upgradable Modules: Laminator

smart-51L

LAMINATING ID CARD PRINTER



- _ Single or Dual Sided Printing and Laminating
- _ Instant Direct Heating Lamination *patent
- _ Printing & Laminating Speed: Max. 22 sec./card (YMCK & Single Lamination)
- _ 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- _ 51S & 51D Field Upgradable to 51L
- _ Holographic Lamination for Visual Security & Card Durability
- _ Installable Encoders: MS, Contact & Contactless

1 NEW INPUT HOPPER



2 SINGLE CARD FEEDER



3 REMOVABLE - OUTPUT HOPPER



4 REAR-SIDE STACKER





Born from the successful IDP SMART-30 Series printers, the SMART-31 is the latest generation mid to entry-level ID card printer.

The SMART-31 is a great printer for small businesses to cost-effectively print professional ID cards. Full color or monochrome printing with single or dual sided options.

12

13

SIMPLE AND EASY FOR EVERYONE TO USE



- 300, 600 & 1200DPI
- EDGE-TO-EDGE PRINTING
- EASY CARD ISSUING
- EXCELLENT CONVENIENCE
- FINE™ IMAGE TECHNOLOGY
- LOW-COST SECURITY WITH UV PRINTING
- REMOVABLE OUTPUT HOPPER
- ETHERNET [*OPTION]

smart-31S



SINGLE SIDED
ID CARD
PRINTER

- Single Sided Printing
- Print Speed: Max. 20 sec./card (YMCKO)
- 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless
- Upgradable Modules: Flipper

smart-31D



DUAL SIDED
ID CARD
PRINTER

- Single or Dual Sided Printing
- Print Speed: Max. 26 sec./card (YMCKOK)
- 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- 31S Field Upgradable to 31D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Installable Encoders: MS, Contact & Contactless

smart-31R



REWRITABLE
ID CARD
PRINTER

- Direct Thermal Rewritable Single Sided Printing
- Rewrite Speed: Max. 12 sec./card
- 300, 600 & 1200dpi with Edge-to-Edge Printing
- Installable Encoders:
- MS, Contact & Contactless



SMART-21 is a simple hand-fed desktop ID card printer with compact lightweight design. It is a great choice for instant card issuance of entry-level low-volume demands.

A more work-friendly easy to use ID card printing solution with crystal clear printing quality.

IDEAL FOR SMALL ORGANIZATIONS!



- SIMPLE HAND-FED DESKTOP ID CARD PRINTER
- 300, 600 & 1200DPI
- EDGE-TO-EDGE PRINTING
- EASY CARD ISSUING
- COMPACT LIGHTWEIGHT DESIGN
- FINE™ IMAGE TECHNOLOGY
- LOW-COST SECURITY WITH UV PRINTING

smart-21S



SINGLE SIDED
ID CARD
PRINTER

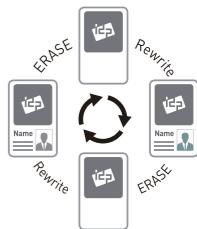
- Single Sided Printing
- Print Speed: Max. 24 sec./card (YMCKO)
- 300 (Color & Mono), 600 & 1200dpi (Mono only) with Edge-to-Edge Printing
- LED Button for Printer Status Indication
- Low Cost Security with UV Printing
- Installable Encoders: Magnetic

smart-21R



REWRITABLE
ID CARD
PRINTER

- Direct Thermal Rewritable Single Sided Printing
- Rewrite Speed: Max. 12 sec./card
- 300, 600 & 1200dpi with Edge-to-Edge Printing
- LED Button for Printer Status Indication
- Installable Encoders: Magnetic



PROVIDES A COST
EFFECTIVE SOLUTION!

smart 51

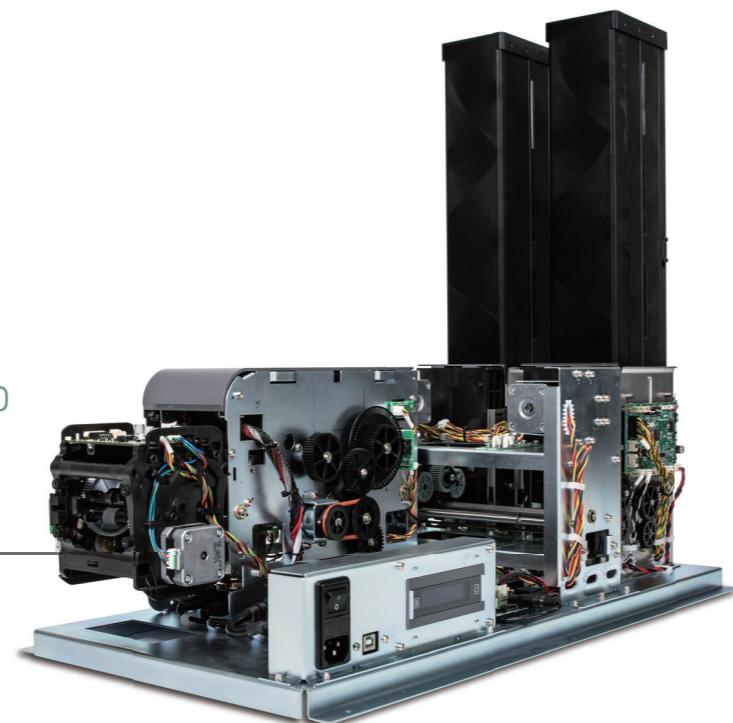
KIOSK CARD PRINTER

14

15

SMART-51K 7M SEIRES IS DESIGNED FOR HIGH-VOLUME, FLEXIBLE AND VARIOUS KIOSKS SOLUTIONS

- _ MAX. 2,000 CARDS LOADING
- _ UP TO 4 DIFFERENT TYPES CARD LOADING
- _ 300 OR 500 CARDS SELECTABLE CARTRIDGE
- _ SCALABLE CAPACITY (1 UP TO 4 INPUT HOPPER)



SMART-51K CM SERIES DESIGNED FOR ALL TYPES OF SELF-SERVICE KIOSK



- _ MAX. 2,400 CARDS LOADING
- _ UP TO 8 DIFFERENT TYPE CARDS LOADING
- _ 100, 200, AND 300 CARDS SELECTABLE CARTRIDGE
- _ SCALABLE CAPACITY (2 TO 8 HOPPER COMBINATION)

SMART-51K 7M FEATURES



- _ 1 to 4 Hopper Selectable
[up to 2,000 cards or 4 different card types]
- _ 300 or 500 cards Selectable Cartridges
- _ Print speed: Max. 212 cards/hour [YMCKO]

- _ Compact and Reliable design
- _ Customizable bottom plate
[Size, Layout of Control Panel & Adaptors, etc.]
- _ Installable MS, Contact & Contactless Encoder

- _ Scratch Free
- _ Residual Q'ty Sensor
- _ Top-side Mag. Encoding
- [*Option]

① COMPACT & RELIABLE DESIGN



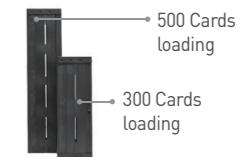
- _ SMART-51 Single or Dual Sided Card Printer
- _ Metal Frame & Shaft Bearings
- _ Customizeable bottomplate
- _ Flipper [*Option]

② SCALABILITY



- _ Selectable 1 to 4 Hoppers
- _ Up to 2,000 Cards
- _ Scratch Free & Hook for Card-In*
- _ Residual Q'ty sensor

③ HIGH-VOLUME CARTRIDGE



- _ Selectable 300 or 500 Cartridge
- _ Rugged & Solid structure
- _ Easy Refillable Cartridge

*Please refer to the Scratch Free & Hook for Card-In features on page 16 for details

SMART-51K CM FEATURES

① COMPACT & RELIABLE DESIGN



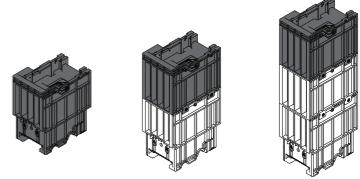
- _ SMART-51 Single or Dual Sided Card Printer
- _ Metal Frame & Shaft Bearings
- _ Customizeable bottomplate
- _ Flipper [*Option]

② ON-DEMAND CAPACITY



- _ Selectable 2 to 8 Hoppers
- _ Up to 2,400 Cards
- _ 8 Different type cards loading

③ BLOCK-TYPE CARTRIDGE



- _ 3 Different Height-adjustable
- _ Detachable Cartridge Structure
- _ Easy height-adjustment

smart 70

MULTIPLE HOPPER

16

17

MULTIPLE HOPPER SYSTEM DESIGNED TO FIT THE SMART-70 SERIES

- UP TO 6 SELECTABLE HOPPERS
- 300 OR 500 CARDS REFILLABLE CARTRIDGES
- UP TO 6 DIFFERENT TYPE CARDS LOADING
- FULL METAL STRUCTURE

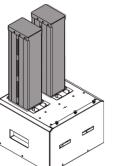
SCRATCH FREE | HOOK FOR CARD IN

- PREVENT STACKED CARDS FROM MAKING SCRATCHES ON THE LOWER CARDS' SURFACE



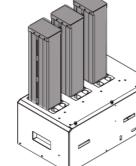
Max. 3,000
cards loading

Up to. 6 different
type cards loading



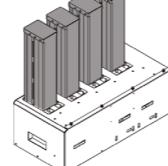
2 HOPPERS

Max. 1,000 cards
2 Different type cards
232.7(W) x 308.5(D) x 548(H) mm
11.5(W) x 12.1(D) x 21.6(H) inch



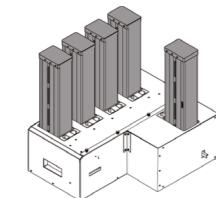
3 HOPPERS

Max. 1,500 cards
3 Different type cards
494.9(W) x 308.5(D) x 548(H) mm
18.3(W) x 12.1(D) x 21.6(H) inch



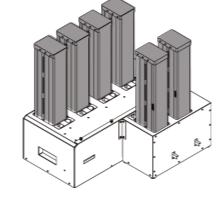
4 HOPPERS

Max. 2,000 cards
4 Different type cards
589.9(W) x 308.5(D) x 548(H) mm
23.2(W) x 12.1(D) x 21.6(H) inch



5 HOPPERS

Max. 2,500 cards
5 Different type cards
589.9(W) x 501.7(D) x 548(H) mm
23.2(W) x 19.8(D) x 21.6(H) inch



6 HOPPERS

Max. 3,000 cards
6 Different type cards
589.9(W) x 501.7(D) x 548(H) mm
23.2(W) x 19.8(D) x 21.6(H) inch

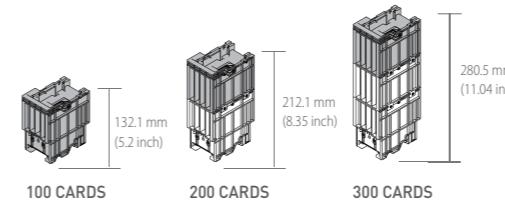
SMART-70 Multiple hopper is designed to satisfy the needs of large capacity with high efficiency for Kiosk operation. From minimum 2 to maximum 6 large capacity 500 cards hoppers can be used depending on the user environment. Monochrome ribbon supports up to 3,000 prints minimizing maintenance cost and time and up to 3,000 cards loadable hoppers with 6 different types on each hopper will maximize the efficiency of the Kiosk application. Prevent scratches on the card surface that can be caused by the weight of stacked cards. Hook for Card-In makes sure of an accurate card feeding. Full metal structure of the multiple hopper system is ideal for high-volume issuance environment.

COMPACT Multiple Hopper Ideal for KIOSK

The unique platform is designed to adapt to various sizes of self-kiosk depending on the markets. From minimum 2 to maximum 8 hoppers, it offers greater flexibility and autonomy for instant card printing. Up to 2,400 cards loadable hoppers with 8 different types on each hopper will maximize the efficiency of Kiosk application. Full metal structure of the multiple hopper system is ideal for high-volume issuance environment.

BLOCK-TYPE CARD CARTRIDGE DESIGNED TO FIT EASILY INSIDE THE KIOSK

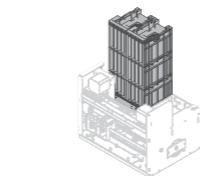
- UP TO 8 DIFFERENT CARD TYPE LOADING
- 100, 200 OR 300 CARDS REFILLABLE CARTRIDGES
- HEIGHT-ADJUSTED DETACHABLE CARD CARTRIDGE
- FULL METAL STRUCTURE



COMPACT MULTIPLE HOPPER SYSTEM DESIGNED FOR ALL TYPES OF SELF-SERVICE KIOSK

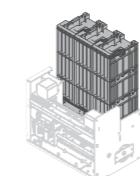
Max. 2,400
cards loading

Up to. 8 different
type cards loading



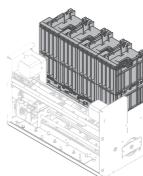
CM-2x1-300

Max. 600 cards | 2 Different type cards
282.8(W) x 209.5(D) x 380.1(H) mm
11.14(W) x 8.25(D) x 14.96(H) inch



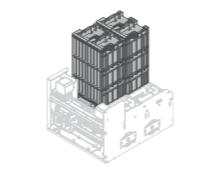
CM-3x1-300

Max. 900 cards | 3 Different type cards
282.8(W) x 209.5(D) x 380.1(H) mm
11.14(W) x 8.25(D) x 14.96(H) inch



CM-4x1-300

Max. 1,200 cards | 4 Different type cards
352.8(W) x 209.5(D) x 380.1(H) mm
13.89(W) x 8.25(D) x 14.96(H) inch



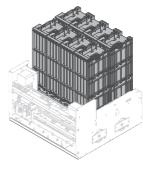
CM-2x2-300

Max. 1,200 cards | 4 Different type cards
282.8(W) x 324.5(D) x 380.1(H) mm
11.14(W) x 12.78(D) x 14.96(H) inch



CM-3x2-300

Max. 1,800 cards | 6 Different type cards
282.8(W) x 324.5(D) x 380.1(H) mm
11.14(W) x 12.78(D) x 14.96(H) inch



CM-4x2-300

Max. 2,400 cards | 8 Different type cards
352.8(W) x 324.5(D) x 380.1(H) mm
13.89(W) x 12.78(D) x 14.96(H) inch

smart PORTABLE

The SMART Portable, from IDP, is an advanced mobile ID Card printing package. The convenient and portable printing solution offers a sturdy travel case equipped with IDP's latest SMART ID Card Printer. Small, lightweight package offers a long-life printing quality and convenient PC connections to get you up printing quickly anywhere. The SMART Portable is designed for tough card-issuing environments where product size, weight, and limited power are concerned. It is ideal solution for emergency preparation kits, disaster recovery response, field card issuance and similar applications where infrastructure is uncertain.

18

19

HANDY AND HARDY CONVENIENT EASY-TO-CARRY SMART PORTABLE SOLUTION

- EASY-TO-CARRY & IN-FLIGHT LUGGAGE SIZE [*7KG]
- WATERTIGHT, DUST AND CRUSH PROOF CASE
- EXTERNAL CONTROLLER
- EASY-TO-USE & HANDY ISSUANCE
- EXTENDED BATTERY AND SOLAR CHARGING SYSTEM



HANDY
+
STURDY
+
READY



- 1 IDP SMART-21 CARD PRINTER
- 2 PRINTER ACCESSORY BOX (INCL. ADAPTOR, USB CABLE, DC TO DC CABLE)
- 3 PRINTER CONTROL BOX (POWER SWITCH, USB PORT, ADAPTOR & BATTERY PORT)
- 4 2 X AUXILIARY BATTERY SPACE (BATTERY SPACE SIZE : 83 x 25 x 135mm)



smartBiT

Ribbon Shredder
for Security Assurance

SECURELY DESTROY SENSITIVE PERSONAL INFORMATION



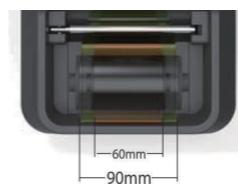
COMPLETE SHREDDING

IDP's Twisted Micro-Cut Technology uses an exclusive method to twist and cut the ribbon completely to shred personal data into tiny particles. (*Patent)



EASY-TO-USE

Easy to use interface and shredded ribbons can be easily discarded using the SMART-BIT Waste Bag when full.



FLEXIBLE RIBBON COMPATIBILITY

The SMART-BIT will accommodate the industry's popular brands of direct-to-card desktop printer ribbons.

COMPACT EASY-TO-USE DESIGN

SMART-BIT is compact and lightweight in design and will easily fit into any office desktop environment. The SMART-BIT's waste bag will ensure complete capture of ribbon particles and simple transfer to a waste bin.



SMART IDesigner

20

21

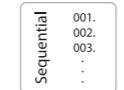
- Design and print (Image, Photo and Text)
- 1D & 2D Barcode printing
- Autoportrait (Auto face detection, adjustment of size & position)
- Printing of sequential numbers
- Card design templates
- Capture live photos by connecting a camera which will be stored in the cardholders' record.
- Plug-in for 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
- Multi-language support



Design & Print



Encoding
MS, Contact & Contactless



Sequential
Number



Auto portrait



1D & 2D Barcode
printing



Plug-in
Camera, Sign pad, Scanner



Card design
Templates



Convenient
Data management

IDP's SMART IDesigner Software is designed for the SMART brand of printers and will not operate with other printers. For optimal performance, IDP recommends the following minimum PC configuration: Windows 7/8/10/11, a Pentium 1GHz processor with 1GB of RAM.

This software program is not for sale. It is intended to use only with the SMART ID Card Printers. No part of this program may be reproduced and reused anyway without the written permission of IDP Corp., Ltd. IDP Corp., Ltd. or its subsidiaries hold no liability for its use or problems through the dissemination of Smart IDesigner. Standard Terms and Conditions of Sale apply. IDP Corp., Ltd. All rights reserved.

APPLICATIONS

CORPORATION



FINANCIAL



ACCESS CARD



EDUCATION



GOVERNMENT



TRANSPORTATION



PRINTING SOLUTION IN VERTICAL MARKETS

IDP card printers help business identity and on-demand security more efficiently, we provide solutions everywhere plastic cards are used such as corporations, financial banking, education, government, and healthcare, and more.

IDP offers an extended range of printers that will meet the identification and security requirements of all organizations.

Banks are establishing instant credit or debit card issuing system in addition to centralized issuing systems. In this case, customers do not need to wait till their financial cards are issued and mailed.

Access control cards have many objectives, including controlling access at point of entry, enabling users to sign documents electronically, and enter controlled facilities with magnetic stripe, contact and contactless smart card.

Most of all educational organizations need student ID cards. IDP's ID card printers are suitable to issue many types of student ID card.

Government ID cards are typically powerful with multiple layers of security as well as contact or contactless encoding. IDP's printers and supplies offer many options to protect valuable government identities and access.

Transit cards need to charge money for using public transportation for certain periods. It also needs to be personalized to identify users.

GENUINE IDP CONSUMABLES

IDP offers a complete range of ribbons and consumables especially designed for SMART printers.

SMART genuine consumables ensure high-quality printing and reliable performance of SMART printers.

22

RIBBONS

Select color, monochrome or security ribbon for stringent quality standards, consistent print results, rich color, highly detailed images.



SECURITY FILMS

IDP Genuine Security films are ideal for any official ID card which needs high security and endure harsh environment.



CLEANING KITS

To help maintain optimum print quality, printer performance, and to maximize the printer's life.



CARDS

IDP plastic cards and smart cards for stringent quality standards and consistent print results.



Consumables for SMART-81 SERIES

YMCK 500 Cards/Roll Full Color Ribbon with Resin Black

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

Retransfer Film 500 Cards/Roll

YMCK & Retransfer Film 500 cards/ Each Roll

Holographic Patch Film 500 Cards/Roll

Clear Patch Film 500 Cards/Roll

Clear SMART Cut Patch Film 500 Cards/Roll

Consumables for SMART-70 SERIES

YMCKO 500 Cards/Roll Full Color Ribbon with Resin Black & Overlay

YMCKOK 500 Cards/Roll Full Color Ribbon with Resin Black, Overlay & Black for Back Side

YMCFKO 500 Cards/Roll Full Color Ribbon with UV Panel, Resin Black and Overlay

HYMCKO 1000 Cards/Roll Half Panel Size Color Ribbon with Resin Black and Overlay

YMC 1000 Cards/Roll Full Color Ribbon

KO 1500 Cards/Roll Black with Overlay

K 3000 Cards/Roll Black

W 3000 Cards/Roll White

B 3000 Cards/Roll Blue

R 3000 Cards/Roll Red

MG 3000 Cards/Roll Metallic Gold

MS 3000 Cards/Roll Metallic Silver

SO 3000 Cards/Roll Scratch-Off

COLOR RIBBONS

RETRANSFER FILM

RIBBON & FILM PACKAGE

LAMIMATING FILM

COLOR RIBBONS

MONO RIBBONS

SECURITY FILMS

HPF 500 Cards/Roll Holographic Patch Film

CPF 500 Cards/Roll Clear Patch Film

CPS 500 Cards/Roll Clear SMART Cut Patch Film

23

COLOR RIBBONS

YMCKO	100 Cards/Roll 250 Cards/Roll	Full Color Ribbon with Resin Black & Overlay Full Color Ribbon with Resin Black & Overlay
YMCKOK	200 Cards/Roll	Full Color Ribbon with Resin Black, Overlay & Black for Back Side
YMCFKO	200 Cards/Roll	Full Color Ribbon with UV Panel, Resin Black and Overlay
YMCPKO	200 Cards/Roll	Full Color Ribbon with Pearlescent Panel, Resin Black and Overlay
HYMCKO	350 Cards/Roll	Half Panel Size Color Ribbon with Resin Black and Overlay

MONO RIBBONS

K0	600 Cards/Roll	Resin Black with Overlay
BO	600 Cards/Roll	Dye-sublimation 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

HPF	250 Cards/Roll	Holographic Patch Film
CPF	250 Cards/Roll	Clear Patch Film
CPS	250 Cards/Roll	Clear SMART Cut Patch Film

CLEANING KITS

		
Cleaning Roller Remove dust, debris on the cards	Cleaning Card Manual Cleaning	Long Cleaning Card Automatic Cleaning

	
Cleaning Swab Printer Head & Roller Cleaning	Cleaning Pen Print Head Cleaning

PRIMUS CARD


ISO CR80 30mil/0.76mm
Blank white PVC Card
Paper Card

SMART-BIT ACCESSORIES

		
Dust Bag Genuine Dust Bag for SMART-BIT	Large Waste Bin Genuine Large Waste Bin for SMART-BIT	Large Dust Bag Genuine Large Dust Bag for Large waste bin



TECHNOLOGIES FOR PRINTER

26

27



1 PLASTIC CARD PRINTING

Plastic cards are prevalent in our daily lives, such as payment cards, driver's licenses, membership cards and employee identification badges. Their standard size, portability, and durability make them the ideal choice for many applications.



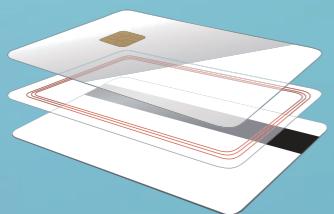
2 LAMINATION

Lamination is a polyester film laminated to a card's surface to protect it from alteration and wear and tear. Holograms can be added to the lamination for added security. In normal use, a laminate can increase your cards' life by up to 5 times.



3 UV PANEL

The Ultra-Violet (UV) ink panel on a YMCFKO (F is the UV Panel) ribbon is a blacklight reactive ink that is not visible with the naked eyes. It is cost-effective and an easy way to add variable security to your cards. The SMART drivers offer easy tools to personalize UV printing, no matter the ID software in use.



4 ENCODING

Encoding is one of the important functions in ID card printer. We issue ID card not only for visual identification but also for storing digital information. There are three major encoding methods- magnetic, contact IC, and contactless. IDP printers support all three types. New encoding methods and protocols come to market frequently, so contact IDP's Sales Team for the best solution to your encoding needs.

SMART-81 PRINTER

Model	SMART-81S	SMART-81D
	Single Sided	Dual Sided
Printing	Print Type	Dye-Sublimation / Resin Thermal Transfer
	Print Area	Infinity-edge Full Bleed
	Resolution	300dpi / 600dpi
Card	Card Feeding	Automatic
	Card Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
	Card Thickness	0.76mm (30mil) ~ 1.6mm (64mil)
Print Speed	Card Type	PVC, PET, Composite PVC
	Single Sided	Max. 25 sec./card (144 cards/hour)
	Dual Sided	-
Capacity	Input Hopper	200 Cards
	Output Hopper	100 Cards
	Error card bin	25 Cards
System	Display & Control	2 Line Graphic LCD Indicator / 4 Buttons
	Supported Platforms	Microsoft Windows 7/8/10/11, Mac OS, Linux
	Communication	USB, Ethernet
Dimensions	Power	100-240V~ 50/60Hz 2.5A
	Temp./Humidity	15~35 °C / 35~70%
	Dimensions	Millimeter/Inch
Weight	Weight	460(W) x 224(L) x 310(H) / 18.1(W) x 8.8(L) x 12.2(H)
	Encoding	Kg/lbs
	Options	11.4 / 25.1
Options	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	IEEE 802.11 a/ b/ g/ n
	WiFi	Physical & Electronic Locking System
	Security	

SMART-81 LAMINATOR

Model	SMART-81L
Laminating	Type
	Speed
Laminating Film	Type
	Thickness
System	Interface
	Communication
	Power
Dimensions	Temp./Humidity
	Dimensions
	Weight
Options	Weight
	Options

**SMART-70
PRINTER**

28

29

	Print Type	Direct Dye-Sublimation
Printing	Print Area	Edge to Edge
	Resolution	300dpi
	Card Feeding	Automatic
	Card Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
Card	Card Thickness	0.38mm (15mil), 1.2mm (47mil)
	Card Type	PVC, Composite PVC, PET
	Monochrome	3.6 sec./card (1,000 cards/hour)
Print Speed	YMCKO	Max. 16 sec./card (225 cards/hour)
	YMCOK	Max. 22 sec./card (164 cards/hour)
	Input Hopper: Card	500 cards
Capacity	Output Hopper: Card	Stacker : 100 cards / *Optional Output Hopper : 500 cards
	Memory	64MB RAM
	Interface	2 Line LCD / 4 Buttons / 1 LED Indicator
	Supported Platforms	MS Windows 7/ 8/10/11, Mac OS, Linux
System	Communication	USB, 2 USB Host, Ethernet
	Power Supply	Free voltage (AC 100/ 220V, 50~60Hz)
	Power Consumption	24V, 2A
	Temperature/Humidity	15~35°C / 35~70%
Encoding Options	Magnetic	ISO 7811 (Track I, II, III Read/ Write, HiCo / LoCo), JIS II
	Contactless	MIFARE, ISO 14443 (Type A/ B), ISO 15693, DESFIRE, iCLASS
Security	Physical Lock	Ribbon
	S/W	PC authentication, Password authentication
	Station Itself	Kensington Lock
Dimensions	Millimeter	240 (W) x 214 (L) x 305 (H)
	Inch	9.5 (W) x 8.4 (L) x 12.0 (H)
Weight	kg/lbs	Approx. 6.3 kg/13.9 lbs

**SMART-70
LAMINATOR**

	Laminating	Type	Direct Heating Lamination
		Speed	19 sec./card (Single-sided Laminating)
	Laminating Film	Type	Clear, Holographic
		Thickness	0.6mil, 1.0mil
		Capacity	500 cards/Roll
		Interface	2 Line LCD / 4 Buttons / 1 LED Indicator
		Communication	USB, RS-232C
System	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz) / 24V, 2.3A	
	Power Consumption	24V, 2.3A	
	Temperature/Humidity	15~35°C / 35~70%	
Security	Physical Lock	Laminating Film	
	Station Itself	Kensington Lock	
Dimensions	Millimeter	240 (W) x 214 (L) x 305 (H)	
	Inch	9.5 (W) x 8.4 (L) x 12.0 (H)	
Weight	kg/lbs	Approx. 6.1 kg/13.4 lbs	

**SMART-70
HYBRID FLIPPER**

	Encoding Options	Contact	ISO 7816 A/B/C Card, ISO 7816 1/2/3/4 Microprocessor Card
		Contactless	ISO 14443 (Type A/B), Mifare, DEFIRE, iCLASS, ISO 18092(NFC), Felica
		Communication	USB
	System	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)
		Power Consumption	24V, 2A
		Temperature/Humidity	15~35°C / 35~70%
	Security	Physical Lock	Encoder or Error Card
		Station Itself	Kensington Lock
	Dimensions	Millimeter	110 (W) x 204 (L) x 305 (H)
		Inch	4.3 (W) x 8.0 (L) x 12.0 (H)
	Weight	kg/lbs	Approx. 2.8 kg/6.2 lbs. Without Optional modules
	Error Card Bin	Ejection device for faulty card is equipped inside Flipper (Max. 30 cards)	* If encoder options are not selected, Error Card Bin will be provided.

**SMART-70
INPUT/OUTPUT
HOPPER**

	Capacity	Input / Output	500 or 300 cards Cartridge Selectable
		Feeding	Automatic
	Card	Size	ISO CR80 (54mm x 86mm / 2.12" x 3.38")
		Thickness	0.38mm (15mil), 1.2mm (47mil)
		Type	PVC, Composite PVC, PET
	Sensor	Residual Q'ty Sensor	Input: Near Empty & Empty / Output: Full Space
		Detection Sensor	Cartridge Mount Status Detectable
	System	Communication	USB, RS-232C
		Power	Free Voltage (AC 100/ 220V, 50~60Hz) / 24V, 2A
		Temperature/Humidity	15~35°C / 35~70%
	Security	Physical Lock	Cartridge
		Station Itself	Kensington Lock
	Dimensions	Input Hopper (W x L x H)	170 x 204 x 548 mm / 6.7 x 8.0 x 21.6 inch
		Output Hopper (W x L x H)	149 x 204 x 548 mm / 5.9 x 8.0 x 21.6 inch
	Weight	Input Hopper (kg/lbs)	Approx. 3.7 kg / 8.2 lbs
		Output Hopper (kg/lbs)	Approx. 3.5 kg / 7.6 lbs

*Print Speed : May change under specific condition.

SMART-51 SERIES

Model	SMART-51S	SMART-51D	SMART-51L
	Single Sided	Dual Sided	Dual Sided & Laminator
Printing	Print Type	Dye-Sublimation	
	Print Area	Edge to Edge	
	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono only)	
	Dual Side Printing	Option	Yes (Flipper Installed)
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)	5 sec./card (720 cards/hour)
	YMCKO	Max. 17 sec./card (212 cards/hour)	Max. 17 sec./card (212 cards/hour)
	YMCKOK	-	Max. 22 sec./card (164 cards/hour)
	Mode	-	Single & Dual
Laminating	Film (Clear & Holographic)	-	0.6mil, 1.0mil
	Simultaneous (Single Lamination)	-	22 sec./card (YMCK)
	Speed	-	32 sec./card (YMCKK)
	One by One (Single Lamination)	-	43 sec./card (YMCK)
Capacity	Input Hopper: Card	100 Cards / 200 Cards with cover open	
	Output Hopper: Card	Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)	
	Memory	64MB RAM	
	Display	2 Line LCD	
System	Control Panel	2 LED Buttons	
	Supported Platforms	Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux	
	Communication	USB, Ethernet (Option)	
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)	
Dimensions	Power Consumption	48	48
	Temp./Humidity	15~35 °C / 35~70%	
Dimensions	Millimeter (WxLxH)	165 x 390 x210	165 x 498 x 210
	Inch (WxLxH)	6.5 x 15.4 x 8.3	6.5 x 19.6 x 8.3
Weight	Kg/lbs	4.5 / 10.0	5.2 / 11.5
Encoding Options	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	
Certifications	CB, CE(UKCA), FCC, KC, CCC		

SMART-31 SERIES

Model	SMART-31S	SMART-31D	SMART-31R
	Single Sided	Dual Sided	Rewritable
Printing	Print Type	Dye-Sublimation	
	Print Area	Edge to Edge	
	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono only)	
	Dual Side Printing	Option	Yes
Card	Card Feeding	Automatic	
	Card Size	ISO CR80	
	Card Thickness	0.38mm (15mil), 0.76mm (30mil)	
	Card Type	PVC, PET, Composite PVC	Rewritable Thermochromic Material
Print Speed	Monochrome	5 sec./card (720 cards/hour)	5 sec./card (720 cards/hour)
	YMCKO	Max. 17 sec./card (212 cards/hour)	Max. 17 sec./card (212 cards/hour)
	YMCKOK	-	Max. 22 sec./card (164 cards/hour)
	Mode	-	Single & Dual
Laminating	Film (Clear & Holographic)	-	0.6mil, 1.0mil
	Simultaneous (Single Lamination)	-	22 sec./card (YMCK)
	Speed	-	32 sec./card (YMCKK)
	One by One (Single Lamination)	-	43 sec./card (YMCK)
Capacity	Input Hopper: Card	100 Cards / 200 Cards with cover open	
	Output Hopper: Card	Front : 40 Cards / Rear : 100 Cards (Optional Rear-side Stacker)	
	Memory	64MB RAM	
	Control Panel	1 LED Button	
System	Supported Platforms	Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux	
	Communication	USB, Ethernet (Option)	
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)	
	Power Consumption	48	48
Dimensions	Temp./Humidity	15~35 °C / 35~70%	
	Millimeter (WxLxH)	172 x 377 x 190	172 x 472 x 190
	Inch (WxLxH)	6.8 x 14.8 x 7.5	6.8 x 18.6 x 7.5
	Weight	Kg/lbs	3.4 / 7.5
Encoding Options	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	
Certifications	CB, CE(UKCA), FCC, KC, CCC		

*Print Speed : May change under specific condition.

SMART-21 SERIES

	Model	SMART-21S	SMART-21R
		Single Sided	Rewritable
32 Printing	Print Type	Dye-Sublimation	Thermal Transfer
	Print Area	Edge to Edge	
33 Card	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono only)	
	Card Feeding	Manual / Hand-Fed	
Card Thickness	Card Size	ISO CR80	
	Card Thickness	0.76mm (30mil)	
Print Speed	Card Type	PVC, PET, Composite PVC	Rewritable Thermochromic Material
	Monochrome	6 sec./card (600 cards/hour)	Max. 12 sec./card (300 cards/hour)
System	YMCKO	Max. 24 sec./card (150 cards/hour)	-
	Memory	64MB RAM	
Dimensions	Control Panel	1 LED Button	
	Supported Platforms	Microsoft Windows 7/ 8/ 10/ 11, Mac OS, Linux	
Weight	Communication	USB	
	Power Supply	Free Voltage (AC 100/ 220V, 50~60Hz)	
Options	Power Consumption	48	
	Temp./Humidity	15~35 °C / 35~70%	
Certifications	Millimeter (WxLxH)	168 x 259 x 179	
	Inch (WxLxH)	6.6 x 10.2 x 7.0	
Options	Kg/lbs	2.7 / 5.95	
	Magnetic Encoding	ISO 7811 (Track I, II, III Read/ Write, HiCo/ LoCo), JIS II	
Certifications	Anti-Theft	Kensington Lock	
	Certifications	CB, CE(UKCA), FCC, KC	

SMART-PORTABLE

	Model	SMART-PORTABLE
	Print Type	Dye-Sublimation
Printing	Print Area	Edge to Edge
	Resolution	300dpi (Color & Mono), 600 & 1200dpi (Mono only)
Card	Card Feeding	Manual / Hand-Fed
	Card Size	ISO CR80
Card Thickness	Card Thickness	0.76mm (30mil)
	Card Type	PVC, PET, Composite PVC
Print Speed	Monochrome	6 sec./card (600 cards/hour)
	YMCKO	Max. 24 sec./card (150 cards/hour)
System	Memory	64MB RAM
	Control Box	Power Switch, USB Port, Adaptor Port, Auxiliary Battery Port
Dimensions	Supported Platforms	Microsoft Windows 7/ 8 /10 /11, Mac OS, Linux
	Communication	USB, WiFi
Weight	Power Supply	Adaport: Free Voltage (AC100/220V, 50~60Hz Package Included) Auxiliary Battery Solar Panel ⁽¹⁾
	Power Consumption	48W
Encoding Options	Temp./Humidity	15~35 °C / 35~70%
	Millimeter (WxLxH)	428 x 235 x 358
Weight	Inch (WxLxH)	16.9 x 9.3 x 14.1
	Kg/lbs	7.0 / 15.4
Encoding Options	Magnetic	ISO 7811 (Track I, II, III Read/ Write, HiCo/ LoCo), JIS II
	Contact	ISO 7816 (ID-1)
Case	Contactless	MIFARE, ISO 14443 (Type A/ B), ISO 15693, DESFIRE, iCLASS
	Certifications	Watertight, Dustproof and Crushproof Polymer material Automatic Purge Valve Business Card Holder 2 Padlock holes
Certifications	Certifications	CB, CE(UKCA), FCC, KC

(1) Auxiliary Battery & Solar Panel are not included.

SMART-BIT

Model	SMART-BIT
Shreddable Ribbon Type	Dye-Sublimation Ribbon, Resin & Wax Ribbon
Shreddable Ribbon Width	60mm to 90mm (Installable Ribbon Core Width : Max. 120mm)
Installable Ribbon Diameter	Max. Ø80
Shredding Speed	Max. 12 meters/minute
Shredder Bin Capacity	6 Rolls (YMCKO, 250 cards/roll)
Cutting Type	Twisted Micro Cut *Patent
Shredded Particle Size	Approx. 2.5mm
Control	Speed (Normal or Fast mode), Start & Stop, Reverse
Auto Stop	Finished Shredding, Ribbon Jam
Interface	4 LEDs, 3 Buttons
Power Supply	DC24V, 2A
Temperature / Humidity	15~35 °C / 35~70%
Dimensions(WxLxH)	232 x 386 x 365 mm / 9.1 x 15.2x 14.4 inch
Weight	Approx. 4.8 kg / 10.6 lbs
Certifications	CB, CE(UKCA), FCC, KC

Specifications and availability may change without notice.



COMPACT
Multiple Hopper



smartBIT

