Single Sided ID CARD PRINTER
SMART-21S

SMART 21 Series

COLOR | MONO | UV / U V | Dual Side

- **Single Sided Entry-Level ID Card Printer**
- **Small and Light Weight (5.6 lbs)**
- **Easy Hand Feed Operation**
- **FINE™ Imaging Technology**
- **Low Cost per Print**
- **1 YEAR WARRANTY**

ELLIPTICAL DESIGN
SIMONE ADAMS
PROJECT MANAGER

smart 21

Easy Input, Exceptional Output

Ideal for Small Organizations!

The SMART-21S is compact, easy to use and uniquely designed for small organizations.

The SMART-21 is great for entry-level demands with lower budgets. Its simple hand-fed card feeder, lightweight design and versatility make it ideal for printing Staff IDs, Access Badges, Membership Cards, and more.

FEATURES

- **Color & Mono Single Side Printing**
- **Print Speed: Max. 23 sec/card (YMCKO)**
- **Print Speed: Max. 5 sec/card (K)**
- **Up to 300x1200dpi Edge-to-Edge Printing**
- **Increase confidence with SMARTMark Security**
- **Optional Encoders: Magnetic and Smart Card**
- **Free SMART IDesigner Software**

Printing Applications:
Employee ID Cards
Student ID Cards
Payment Cards
Health Cards
Leisure Resort Pass Cards
Identification Cards
Transport Pass Cards
Loyalty Cards
Event Cards

ISSUANCE

SMART IDesigner ensures accurate card issuance and data management with your SMART 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

- 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 plug-in program

SECURITY

The SMART series printers come with highly effective and tested physical and electronic security features.

- PASSWORD verification with administrator and user authentications
- PC AUTHENTICATION locks the SMART 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 SMART-51 Series

Specifications

PRINTING	
▪ Print Type	Dye-Sublimation
▪ Print Area	Edge to Edge
▪ Resolution	300dpi (Color & Mono)

CARD	
▪ Card Feeding	Manual (Hand Feed)
▪ Card Size	ISO CR80
▪ Card Thickness	0.38mm (15mil), 1.0mm (40mil)
▪ Card Type	PVC, PET, Composite PVC

PRINT SPEED	
▪ Monochrome	5 sec./card (720 cards/hour)
▪ YMCKO	Max. 23 sec./card (200 cards/hour)

SYSTEM	
▪ Memory	64MB RAM
▪ Control Panel	1 LED Buttons
▪ Supported Platforms	MS Windows 7/8/10, Mac OS, Linux
▪ Communication	USB
▪ Power Supply	DC 24V
▪ Power Consumption	48W
▪ Temperature/Humidity	15~35ºC/35~70%

DIMENSIONS	
▪ Millimeter (WxLxH)	165 x 390 x 210
▪ Inch (WxLxH)	6.5 x 15.4 x 8.3

WEIGHT	
▪ Kg/lbs	2.5/5.6

ENCODING OPTIONS	
▪ Magnetic	ISO7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II

Consumables

CERTIFICATIONS

CB CE FC ⓀC Ⓒ

210mm(8.3inch)
165mm(6.5inch)
390mm(15.4inch)

COLOR RIBBONS

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

MONO RIBBONS

K	W	MG	MS
Black	White	Metallic Gold	Metallic Silver
1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll

Specifications and availability may change without notice.

iGP **IDP**

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