

Single Sided ID CARD PRINTER

SMART-21S

SMART 21 Series



- 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



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. 24 sec/card (YMCKO)
- Print Speed: Max. 5 sec/card (K)
- 300 dpi (color), 600, 1200dpi (mono only)
- 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



DESIGN



SECURITY

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 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

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), 600, 1200dpi (mono only)

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. 24 sec./card (150 cards/hour)

SYSTEM

- Memory: 64MB RAM
- Control Panel: 1 LED Button
- Supported Platforms: MS Windows 7/8/10, Mac OS, Linux
- Communication: USB
- Power Supply: DC 24V
- Power Consumption: 48W
- Temperature/Humidity: 15~35°C/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

CERTIFICATIONS



Consumables

YMCKO

Full Color Ribbon with Resin Black & Overlay



COLOR RIBBONS



250 Cards/Roll

K

Black



1200 Cards/Roll

W

White



1200 Cards/Roll

MG

Metallic Gold



1200 Cards/Roll

MS

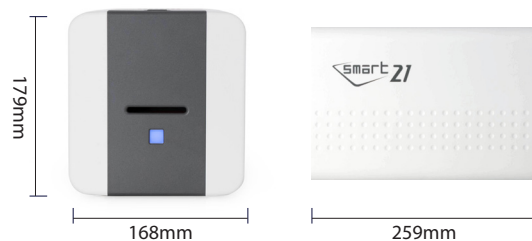
Metallic Silver



1200 Cards/Roll



MONO RIBBONS



Specifications and availability may change without notice.

Printers & Options:

- 653311K - SMART-21S K1
- 653311B - SMART-21S B1
- 651356 - S21 Mag Encoder

Consumables:

- 653311K** - Printer Consumable Kit Includes 1 YMCKO 100-print ribbon and 100 CR80 Primus PVC Glossy Cards (only sold as kit)
- 653314** - SMART-21 Resin Black ribbon & cleaning roller, 1200 print per ribbon
- 653317** - SMART-21 Resin metallic silver ribbon & cleaning roller, 1200 print per ribbon
- 653316** - SMART-21 Resin metallic gold ribbon with cleaning roller, 1200 print per ribbon
- 653315** - SMART-21 Resin White ribbon with cleaning roller, 1200 print per ribbon



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