

# smart 21S

## Single Sided ID Card Printer



### Easy Input, Exceptional Output

Ideal for Small Organizations!

The SMART-21S is the smallest ID Printer available today it is easy to use and 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.

### 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

### 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 Mag and Contacless Encoders
- Free SMART IDesigner Software

### 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 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 a 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
- Ethernet - SNMPv3

### Networking

The SMART series offers “single-wire” printing and encoding.

- The SMART Ethernet module can not only print over your network, but can also be configured to encode a magnetic stripe, contact IC chips, and contactless smart cards over your network
- The SMART Ethernet module can be configured to accept “open card protocol” print commands for direct printing without a driver



### Printing

Print Type	Direct to Card / Dye-Sublimation
Print Area	Edge to Edge
Resolution	300dpi (color), 600, 1200dpi (mono only)

### 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	Microsoft Windows 7/8/10, Mac OS, Linux
Communication	USB
Power Supply	DC 24V
Power Consumption	48W
Temperature/ Humidity	15~35°C/35~70%

### Card

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

### 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
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### Encoding Options

Magnetic	ISO7811 (Track I, II, III Read/Write, HiCo/LoCo), JIS II
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### Certifications



### Consumables

**YMCKO**  
Full Color Ribbon with Resin Black & Overlay

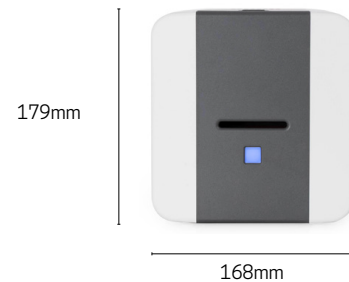
Color Ribbons

100 Cards/Roll

**K** Black  
**w** White  
**MG** Metallic Gold  
**MS** Metallic Silver

Mono Ribbons

1200 Cards/Roll    1200 Cards/Roll    1200 Cards/Roll    1200 Cards/Roll



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### PRINTING & OPTIONS:

<b>SMART-21S K1</b>	653311K
<b>SMART-21S B1</b>	653311B
<b>S21 Mag Encoder</b>	651356

### 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