



Single Sided ID CARD PRINTER

# SMART-31S

**SMART-31 Series** *is Value for Everyone!*



French Creek Elementary

Jacob Stevens  
First Grade



- Single Sided Entry-Level ID Card Printer
- Small and Light Weight (7.5 lbs)
- Easy Operation
- FINE™ Imaging Technology
- Lowest Cost per Print
- 3 YEAR WARRANTY



## ENTRY-LEVEL SIMPLEX ID CARD PRINTER FOR SMALL ORGANIZATIONS

IDP's easy to use SMART-31S printer will produce full-color or monochrome cards reliably for years. Its time-test design provides robust printing speeds, excellent image reproduction and cost savings.

The SMART-31S offers a wide range of optional features including Ethernet, smartcard encoding, and ultra violet (UV) printing. Now small businesses can afford to produce their own ID Cards.



### FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 23 sec/card (YMCKO)
- 300dpi with Edge to Edge Printing
- 31S Field Upgradable to 31D
- LED Button for Front Operation
- Low Cost Security with UV Printing
- Optional Encoders: MS, Contact & Contactless
- Optional Flipper (dual-sided printing) & Ethernet

### For Single Sided Printing of ID Cards

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



# smart 31



### ISSUANCE

SMART Applications ensure proper card issuance and data management with SMART series printers at no extra cost.

#### SMART Design

- Design and Print (images, photos, texts, etc.)
- 1D & 2D Barcode Printing
- Autoportrait (auto face detection & adjustment of size and position)

#### SMART DB

- Convenient issuance of Cards and Data Management
- Supports Open Database Connectivity (ODBC)
- Magnetic Stripe (MS), Contact & Contactless Smart Card Encoding by using Plug-in Program



### SECURITY

SMART series provides effective security features for access control and data encryption.

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.



### NETWORKING

SMART series can utilize the network printer server for encoding and printing cards.

SMART Ethernet module can not only print cards but also encode MS, contact and contactless smart card through the network.

SMART Ethernet module has Open Card Print (OCP) protocol which can encode and print cards by using commands on multiple platforms without installing the printer driver.

Available Encoding for Contact & Contactless Smart Cards by Ethernet.

**Specifications****PRINTING**

- Print Type Dye-Sublimation
- Print Area Edge to Edge
- Resolution 300dpi
- Dual Sided Printing Option (with Flipper)

**CARD**

- Card Feeding Automatic
- Card Size ISO CR80 (54mm x 86mm/2.12" x 3.38")
- Card Thickness 0.38mm (15mil), 0.76mm (30mil)
- Card Type PVC, PET, Composite PVC

**PRINT SPEED**

- Monochrome 5 sec./card (720 cards/hour)
- YMCKO Max. 23 sec./card (156 cards/hour)

**CAPACITY**

- Input Hopper 80 cards
- Output Hopper 25 cards

**SYSTEM**

- Memory 64MB RAM
- Control Panel 1 LED Button
- Supported Platforms Microsoft Windows 2000/2003/XP/Vista/7/8/10, Mac OS, Linux
- Communication USB, Ethernet (Option)
- Power Supply Free Voltage (AC100/200V, 50~60Hz)
- Power Consumption 48
- Temperature/Humidity 15~35°C/35~70%

**DIMENSIONS**

- Millimeter (WxLxH) 172 x 377 x 190
- Inch (WxLxH) 6.8 x 14.8 x 7.5

**WEIGHT**

- Kg/lbs 3.4/7.5

**ENCODING OPTIONS**

- Magnetic ISO7811 (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

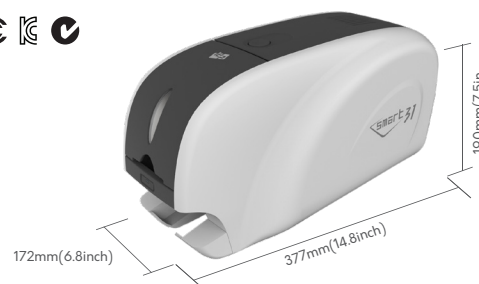
**CERTIFICATIONS****Consumables**

**COLOR RIBBONS**

659366 YMCKO	659380 YMCCKO	659378 HYMCKO
Full Color Ribbon with Resin Black & Overlay	Full Color Ribbon with UV Panel, Resin Black and Overlay	Half Panel Size Color Ribbon with Resin Black and Overlay
250 Cards/Roll	200 Cards/Roll	350 Cards/Roll

**MONO RIBBONS**

659385 KO	659367 K	659370 W	659372 B	659371 R	659374 MG	659373 MS	659375 SO
Black with Overlay	Black	White	Blue	Red	Metallic Gold	Metallic Silver	Scratch-Off
600 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll	1200 Cards/Roll



Specifications and availability may change without notice.

**Part Numbers:**

SMART-31S	651527
SMART-31S K	651527K
SMART-31S B	651527B

Network Hub	651570
Mag Encoding	651356
Contact Encoding	651359
Contactless Enc. (USB)	651081
Contactless Enc. (Eth)	651083
Flipper Assembly	651315

Add "K" to any printer part number for a kit (1 YMCKO Ribbon, 1-100pk Cards, & 1 Long Cleaning Card)

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