



Single Sided ID CARD PRINTER SMART-31S

SMART-31 Series



- 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.

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



FEATURES

- Color & Mono Single Side Printing
- Print Speed: Max. 20 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
- Upgradable Modules: Flipper & Ethernet



ISSUANCE

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

SMART IDesigner

- Design and Print (images, photos, texts, etc.)
- 1D & 2D Barcode Printing
- Autopportrait (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 (Color & Mono), 600 & 1200dpi (Mono Only)
- 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. 20 sec./card (180 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

Full Color Ribbon with Resin Black & Overlay



250 Cards/Roll

659380

YMCFKO

Full Color Ribbon with UV Panel, Resin Black and Overlay



200 Cards/Roll

659378

HYMCKO

Half Panel Size Color Ribbon with Resin Black and Overlay



350 Cards/Roll

MONO RIBBONS

659385

KO

Black with Overlay



600 Cards/Roll

659367

K

Black



1200 Cards/Roll

659370

W

White



1200 Cards/Roll

659372

B

Blue



1200 Cards/Roll

659371

R

Red



1200 Cards/Roll

659374

MG

Metallic Gold



1200 Cards/Roll

659373

MS

Metallic Silver



1200 Cards/Roll

659375

SO

Scratch-Off



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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