IDP

Dual Sided ID CARD PRINTER
SMART-31D

SMART-31 Series *is Value for Everyone!*

COLOR | MONO | UV U V | Dual Side

- **Dual Sided Entry-Level ID Card Printer**
- **Small and Light Weight (9.5 lbs)**
- **Easy Operation**
- **FINE™ Imaging Technology**
- **Lowest Cost per Print**
- **3 YEAR WARRANTY**

Newman High School
Marissa Stevens

ENTRY-LEVEL DUPLEX ID CARD PRINTER FOR SMALL ORGANIZATIONS

IDP's easy to use SMART-31D 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-31D 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.

For Dual 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

FEATURES

- **Single or Dual Sided Printing**
- **Print Speed: Max. 29 sec/card (YMCKOK)**
- **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 Ethernet**

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 — Dual Sided Printing

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)
- YMCKOK — Max. 29 sec./card (124 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 472 x 190
- Inch (WxLxH) — 6.8 x 18.6 x 7.5

WEIGHT

- Kg/lbs — 4.2/9.5

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

CB CE FC K C

Consumables

	659366 YMCKO	659376 YMCKOK	659380 YMCFKO	659378 HYMCKO
COLOR RIBBONS	Full Color Ribbon with Resin Black & Overlay	Full Color Ribbon with Resin Black & Overlay & Black for Back Side	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	200 Cards/Roll	350 Cards/Roll

190mm(7.5inch)
172mm(6.8inch)
472mm(18.6inch)h

	659385 KO	659367 K	659370 W	659372 B	659371 R	659374 MG	659373 MS	659375 SO
MONO RIBBONS	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-31D	651528
SMART-31D K	651528K
SMART-31D B	651528B
SMART-31 R	651533
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)

IDP

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